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# Farm and Ranch Review

VOLUME XLI  
NUMBER 2

CALGARY, ALBERTA  
FEBRUARY, 1945

FORTY-FIRST YEAR OF SERVICE TO WESTERN AGRICULTURE



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# 1945 Production Program For Canadian Farmers

HERE in tabulated form is a comparison between Canada's agricultural production in 1944 and that projected or anticipated during the coming season by officials throughout the Dominion. In the main, it is hoped that last year's record output of food-stuffs will be maintained or exceeded in 1945. A notable exception to this rule is wheat, since it is felt that a reduction of 8 per cent from last year's acreage will be in the best interest of the country. Varying increases, on the other hand, are recommended in coarse grains and summerfallow. Heavier marketings of cattle, calves, sheep and lambs are anticipated, and it is hoped that hog production will not drop as much as the 6 per cent indicated in the table. Increased production of poultry and eggs and of most dairy products is anticipated.

GRAIN and FORAGE CROPS		Recommended for 1945	Change from 1944
Wheat.....		21,500,000 acres	Down 8%
Oats.....		16,000,000 acres	Up 12%
Barley.....		8,038,000 acres	Up 10%
Mixed grain.....		1,518,000 acres	No change
Rye.....		500,000 acres	Down 23%
Hay and clover.....		10,300,000 acres	No change
Alfalfa Hay.....		1,600,000 acres	Up 1%
Summerfallow (Prairie Prov.).....		20,000,000 acres	Up 3%
MEAT ANIMALS (Marketings)			
Hogs.....		8,300,000 head	Down 6%
Cattle.....		1,420,000 head	Up 8%
Calves.....		766,000 head	Up 10%
Sheep and lambs.....		1,138,000 head	Up 3%
DAIRY PRODUCTS			
Milk (total).....	18,100,000,000 lbs.		Up 3%
Creamery butter.....	310,000,000 lbs.		Up 5%
Cheddar cheese.....	177,000,000 lbs.		No change
Evaporated whole milk.....	175,000,000 lbs.		No change
Condensed whole milk.....	80,000,000 lbs.		Down 6%
Whole-milk powder.....	17,000,000 lbs.		No change
Skim-milk powder.....	27,500,000 lbs.		No change
EGGS and POULTRY			
Eggs (total).....	897,263,000 doz.		Up 6%
Eggs (export).....	104,610,000 doz.		Up 31%
Poultry meat.....	292,000,000 lbs.		Up 1%
FRUITS and VEGETABLES			
Apples.....	14,000,000 bus.		Down 15%
Pears, cherries, plums, prunes.....	Varying increases for 1945		
Peaches, apricots, grapes.....	Some reduction for 1945		
Strawberries, raspberries, loganberries.....	Varying increases for 1945		
Potatoes.....	523,600 acres		Down 2%
Canning beans and corn.....	Slight increase for 1945		
Canning tomatoes and peas.....	Slight decrease for 1945		
Fresh vegetables.....	Maintained at 1944 levels		
Vegetables for dehydration.....	No increase for 1945		
OILSEED CROPS			
Soybeans.....	40,000 acres		Up 10%
Rapeseed.....	20,000 acres		Up 75%
Sunflower seed.....	25,000 acres		Up 45%
Flaxseed.....	To be announced		
OTHER CROPS			
Dried beans.....	125,000 acres		Up 26%
Dried peas.....	83,600 acres		No change
Husking corn.....	350,000 acres		Up 30%
Sugar beets.....	70,000 acres		Up 20%
Tobacco—Flue cured.....	88,900 acres		Up 20%
“ Burley.....	12,500 acres		Up 33%
“ Cigar leaf.....	4,460 acres		Up 46%
“ Dark.....	1,550 acres		Up 35%
“ Pipe.....	1,730 acres		Up 7%
SEED CROPS			
Alfalfa seed.....	15,000,000 lbs.		Up 93%
Alsike clover seed.....	7,000,000 lbs.		Up 400%
Red clover seed.....	10,000,000 lbs.		Up 45%
Sweet clover seed.....	7,000,000 lbs.		Down 38%
Brome grass seed.....	8,000,000 lbs.		Down 25%
Crested wheat grass seed.....	2,500,000 lbs.		Up 6%
Timothy seed.....	15,000,000 lbs.		Up 34%
Other grass seeds.....	1,096,000 lbs.		Up 32%
Vegetable and field root seeds.....	Varying recommendations for 1945-46		
MISCELLANEOUS			
Maple products.....	2,720,000 gals.		Down 12%
Honey.....	36,600,000 lbs.		Up 1%
Wool.....	15,500,000 lbs.		Up 2%
Horses.....	No increase recommended		



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# Canada Lives by Exports; Post-War Markets Needed

By Hon. J. A. MacKINNON, Minister of Trade and Commerce

"As a self-contained trading unit Canada would slip back into peasantry. Her whole future depends upon exports."

THIS quotation is from an article in a recent issue of one of the oldest Canadian business magazines — a periodical whose record of publication goes back to 1867. Chosen almost at random, it is typical of statements that might be quoted from dozens of articles on postwar business that have been appearing in the last few months in different Canadian publications.



HON. J. A. MACKINNON

These articles—most of them concerned with exploring the problems that are looming up in connection with Canada's immediate commercial future—are a sign of the times. They are a good sign, for they signify that people are looking ahead. There is no suggestion in them that Canadian thinking has turned away from the winning of the war. But they contain a clear indication of realization by Canadians that conditions have been created during the war years which make it more imperative than ever that forehanded study be given to what lies ahead of us.

A VERY large part of Canada's normal pre-war export trade has gone in these war years. For various reasons that has been inevitable. Our energies have been concentrated primarily on production for war purposes. Some of the export markets that we customarily served have been cut off by enemy occupation. In most of the markets that remain open to us, imports from Canada of many classes of goods have had to be reduced because of shortage for shipping, to conserve dollar funds for more urgent needs of those countries, or for other equally good reasons.

## Trade Is War Casualty

Quite apart from this narrowing of markets, we have been short of many materials that we normally export and have had to take the initiative ourselves in limiting exports. Thus, in one way or another, a large share of Canada's normal pre-war export business has become a war casualty.

What we have lost, of course, has been more than replaced. The wartime gains in exports exceed the losses many times over, so that we have now a gigantic new volume of exports. This new wartime export trade—if we can correctly call it a "trade"—is highly abnormal. We must look upon it as being in large degree temporary. It is made up partly of war munitions of every description, and partly of shipments of food and other supplies—the latter running into quantities vastly greater in some lines than we have ever been called upon to furnish under ordinary commercial conditions.

Adding together the new and the old that has been retained, we have now a total export trade that has been running for some time at a level of roundly three billion dollars a year. It will help us to appreciate the size

(Continued on page 30)

## News Items Of Interest

SIR John Anderson, chancellor of the exchequer, reported in the House of Commons that Britain is spending about £14,250,000 (\$64,125,000) a day for the war, or about £5,250,000,000 (\$23,625,000,000) annually.

Over the opposition of stockmen, the U.S. Government has placed a flat price ceiling on live cattle, effective January 29. The ceiling price is \$18 per cwt. for calves as well as cattle and will drop to \$17.50 on July 2, 1945.

Value of field crops in 1944 in Canada, estimated at \$1,319,099,000, was almost three times as great as the value of field crops in 1932, the lowest level during the depression.

To meet army and navy requirements for more men, James F. Byrnes, U.S. war mobilization director, has called for immediate steps to induct into the armed services men of 18 to 25 who now have agricultural deferments. Some 364,000 men will be affected.

Fred J. White, Winnipeg, regional superintendent for the unemployment insurance commission, said recently that an estimated need of from 10,000 to 12,000 farm workers in the prairie provinces this spring will be looked after.

The Alberta Fish and Game Association is recommending to the Provincial Government that shooting of big game and migratory game birds on Sunday be permitted in the province.

Erwin Dean, of Estevan, was re-elected president of the Saskatchewan Agricultural Societies' Association for 1945 at the 57th annual convention held recently in Saskatoon.

SASKATCHEWAN Wheat Pool will appeal a recent judgment declaring the organization liable for payment of commercial reserve and elevator deductions to Robert Barnes, Winnipeg. Barnes sought a principal sum of \$253,022, but the judgment noted that total deductions from all growers were \$6,567,000 for the commercial reserve and \$12,183,000 in elevator deductions.

Senator W. A. Griesbach, C.B., C.M.G., D.S.O., V.D., K.C., former inspector-general for the army for Western Canada, died in Edmonton, January 21, following a heart attack. He was 67.

Joseph Sutton, of Lethbridge, has been appointed superintendent of rehabilitation for the Province of Alberta. He will open an office in Calgary to deal with veterans' problems.

More than 400 loans from the Saskatchewan Farm Loans Board have been paid off by farmers within the past four months, according to Provincial Treasurer C. M. Fines, reducing the total number of loans outstanding from 3,000 to 2,600. The amount paid off in the four-month period exceeded \$800,000. More than \$10,000,000 is involved in the 2,600 loans still outstanding.

Dust storms, similar to those which swept the Canadian prairies in drought years of the '30's, have caused heavy damage in the dry areas of New South Wales, Victoria and South Australia.

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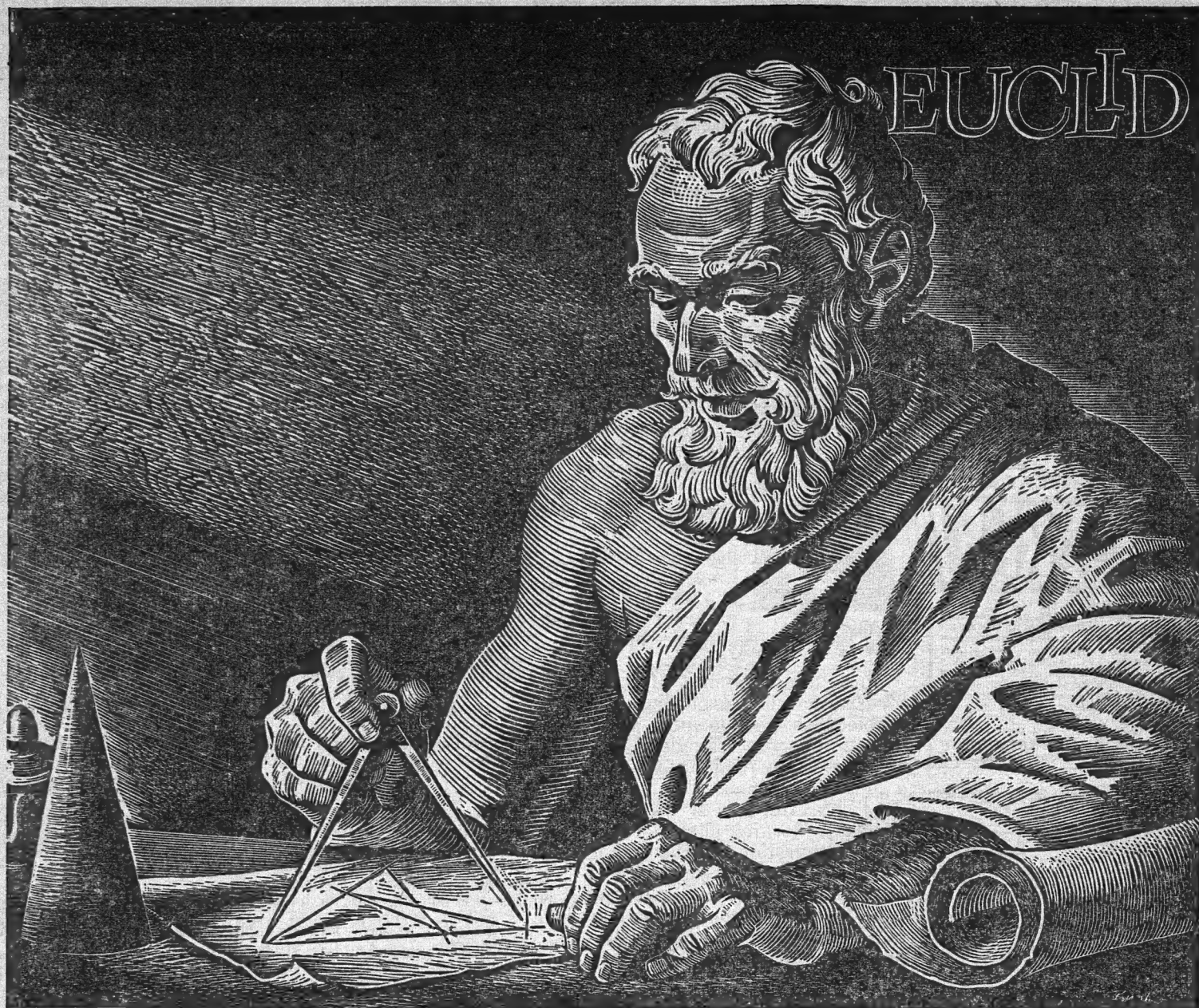
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WESTERN ADVERTISING OFFICE:

Calgary, Alberta

W. C. KERR, *Manager*

EASTERN ADVERTISING OFFICE:

19 Melinda Street, Toronto, Ont.

W. H. PEIRCE, *Manager*

Published Monthly by Farm and Ranch Review Limited

Printed by Western Printing & Lithographing Co. Ltd.

Graphic Arts Bldg., Calgary, Alberta

Entered as Second-class Mail Matter at the Post Office,

Calgary, Alberta.

Member of the Audit Bureau of Circulations.

VOL. XII. CALGARY, FEBRUARY, 1945 No. 2

**R**ATIONING of butter in Canada is the result of wartime conditions and farmers are not to be blamed for it. For this they have the assurance of W. Frank Jones, president of the National Dairy Council for Canada.

Speaking to members of an eastern creamery association, he emphasized that rationing and shortages are merely the result of contracts for overseas shipment of dairy products other than butter, and that without butter rationing Canada might very easily have fallen down on these contracts.

If only the Canadian demand had to be considered, we should have all the butter our people want, and to spare, but we have commitments to Britain and elsewhere overseas and all Canadians will agree that every effort must be made to live up to these obligations in full. As only one item, each of the 125,000 Red Cross prisoner-of-war parcels sent from Canada every week contains one pound of butter, one pound of processed milk and a quarter of a pound of cheese.

As a matter of fact, considering all dairy products, Canadians are eating more of them than ever before and are healthier as a result.

Canadian farmers have done a notable job of dairy production with reduced manpower and under countless other wartime handicaps. They have increased their flow of milk by over 300,000,000 pounds a year but the demand has out-distanced even this increase, and early 1945 brings little promise of an immediate slackening in the demand that dairymen are called on to meet.

★ ★

**I**N some ways, the post-war era is here.

For the disabled serviceman it is a reality. For the discharged veteran the problem of readjusting himself to his former life can be almost as difficult as was his conversion to the arts and manners of a warrior.

War has so completely engulfed the peoples of the world that we cannot expect to step suddenly from war to peace when the whistles shrill the signal of armistice. The transition will take not days or months, but years. Even now, while the fighting continues with unabated fury, it is clear that some phases of Victory may extend through the next decade or two—the innumerable problems of peace, the rebuilding of broken homes and broken men, the payment of mountainous war debts, the laying of a firm foundation for bulwarks against future wars.

Victory may also lie in the way we plan for peace, individually and collectively. In that sense, too, we are already in the post-war era.

# Editorial

## Quotes Worth Remembering

"... For what avail the plough or sail,  
or land, or life, if Freedom fall."

—RALPH WALDO EMERSON.

"We shall not fail or falter; we shall not  
weaken or tire. Neither the sudden shock  
of battle nor the long-drawn trials of vigil-  
ance and exertion will wear us down."

—WINSTON CHURCHILL, IN 1941.

"The battle will be bloody, for the English  
will never yield; and though driven back  
and thrown into confusion they will always  
return to fight, as long as they have a breath  
of life."

—THE VENETIAN AMBASSADOR, IN FRANCE,  
(1588).

"Come with me and deliver Italy!  
Smite hip and thigh until the oppressor  
leave,  
From the Adriatic to the Alps,  
The oppressed one!"

—ROBERT BROWNING.

"Hard pounding this, gentlemen; let's see  
who will pound longest."

—THE DUKE OF WELLINGTON.  
AT WATERLOO, (1815).

**W**HAT can Canada expect in the way of post-war increase in population? Those who study such problems are not in agreement as to the value, or even as to the likelihood of any great influx of immigration during the years of world-wide readjustment to peace.

One school contends that development of the Dominion in those and subsequent years calls for a population of twenty or thirty million people, many of them making a living in what are now partially or wholly unsettled areas of the West. A railway official recently asserted that there are still more than 25 million acres of good agricultural land not in use in the three Prairie Provinces and accessible to railway facilities. Settlement of much of this land, however, would involve pushing back the frontiers into sub-marginal belts, and the West has already had some unfortunate experiences of this nature which it is not anxious to repeat.

Attempts to encourage emigration in volume from the war-dislocated countries of Europe, even from the British Isles, may not meet too cordial a reception. Manpower will have been greatly reduced, home-coming veterans will be needed to restore the farms and factories of their native lands, per capita taxation will be high enough without further reducing the population and in some countries practically a generation of young people will be missing.

Adjustment to the demands of a post-war world for the products of Canadian farms, now at an all-time high, will be a big problem, one which perhaps should not be aggravated by adding greatly to the volume of these products already available.

**A** HEN has no business sense; she lays poor when eggs are high. A farm-yard philosopher thus expresses the fundamental law of supply and demand as applied to the egg business and excuses the hen for her ignorance of one of the simplest of economic principles. No such ignorance, however, can be excused in the hen's owner.

While price ceilings have done much to level out egg market fluctuations of pre-war years, the fact remains that winter eggs are always in strong demand since the market so readily absorbs them.

For the poultryman the answer would seem to be: Earlier chicks, reduction of losses from disease, better feeding and housing for the growing and laying birds and a lowering of every possible production cost to improve the margin of profit in the business.

★ ★

**P**ERTINENT and timely advice for all of us is expressed in an article sent to the REVIEW by Major H. G. L. Strange. Among other observations under the heading "Reinforcements for Our Fighting Men", he contributes the following food for thought:

Here is what Major Strange had to say: "Reinforcements for our fighting men is a subject of intense discussion. As an old soldier I can give some evidence about the vital need for reinforcements of men in battle. No armies ever have all the reinforcements they could use. Whenever reinforcements are lacking, men have to stay under fire longer than they should, so the risk of their being injured or killed increases.

"But other kinds of reinforcements are needed too. Reinforcements of foodstuffs and of every kind of weapon and munition the soldier uses. Then to make these arms, weapons and munitions, reinforcements of money, too, are needed in great quantity. Patriotic civilians at home, therefore, can do their share in helping, as far as possible, to save the lives of the men in battle by providing ample foodstuffs and munitions, and all of us can provide the money, both by paying taxes and by buying bonds.

"There is one most important matter, it seems to me, ever to remember. If it were not for the gallantry of our fighting men we should have no farms, no factories, no jobs and no liberty. Surely the least then that we, who live at home in safety, can do is to provide all the reinforcements we possibly can in the way of trained men, of munitions and of money.

★ ★

**M**ANY farmers these days are wondering how their sons will take to farming on their return from overseas. After all, these boys have been some pretty exciting places and many of them have had a taste of higher standards of living.

Will your son, like so many others, leave the farm and go to the city? Perhaps not if you put a few improvements on your property and reawaken his interest in it. Have the cash ready to do this after the war by savings laid aside now when farm income is high. Victory Bonds are a mighty good means of keeping wartime savings secure for future use.



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## 36th Convention of U.F.A. Reviews Successful Year

**GEORGE E. CHURCH**, of Balzac, was elected president of the United Farmers of Alberta at the 36th annual convention held in Edmonton. He succeeds Robert Gardiner, of Excel, who has retired because of ill health after 14 years in the presidency.

Mr. Church, 54, is chairman of the Co-operative Milk Co. Ltd., Calgary, and a member of the Alberta Livestock Co-operative on the Alberta Federation of Agriculture.

Report of the U.F.A. directors showed a membership gain of 4,871 in 1944 and a surplus of \$7,282 in the treasury, representing a \$5,966 increase in revenue over the previous year.

Mr. Gardiner, in his presidential address, forecast a period of comparative prosperity during the immediate post-war years, but felt that the Government would be faced with a serious unemployment problem. In the past, 90 per cent of the farmers' problems did not receive a price adequate to meet production costs and to maintain a decent living standard for himself and his family.

### Farmers' Position Better

The economic position of the farmer, he stated, had improved considerably in the last two years, and, with the exception of a short period during the first war, the farmer was in a better position today than he had been in the last 40 years.

Mr. Gardiner repeated a previous contention that farmers should insist on the setting up of a commission to ascertain the average cost of producing agricultural products. "It may be that in the final analysis, the farmers, through their own organizations, will have to provide the ways and means of obtaining this information," he declared.

Mr. Gardiner reported that a special U.F.A. committee had met a committee of the Alberta Farmers' Union on two occasions in 1914 and through the association of both bodies with the Alberta Federation of Agriculture, matters of mutual interest had been amicably discussed and decisions reached.

The directors' report urged continuation of the present Farmers' Creditors' Arrangement Act to provide protection for farmers should economic conditions change in the near future. The report expressed the belief that under existing price levels the majority of farm debts in Alberta could be paid off in four or five years.

### Support Meat Board

A resolution, adopted by the convention, urged continuation of the Canadian Meat Board and the contract system of marketing export meat products in the post-war period. The convention also approved a resolution submitted by the executive of the Lethbridge Federal Constituency Association asking the federal government to open the United States market for cattle.

The resolution said packing facilities in Canada are over-taxed, and, as a result, farmers were losing money on cattle shipped to Canadian packing plants.

A resolution asking the Dominion government to adopt immediately a system of rail grading for all butcher cattle sold on the public markets was turned down.

N. F. Priestley, of Calgary, manager of the United Farmers of Alberta Central Co-operative, reported that sales by the co-operative for 1944 totalled \$2,293,082. Operations of the association resulted in a surplus of \$96,430, an increase of \$21,000 over 1943.

Distribution of gasoline and lubricating oils continued to be a major activity, Mr. Priestley reported. Total turnover in 1944 exceeded 6,000,000 gallons.

J. G. Taggart, chairman of the Canadian Meat Board, told the convention that a survey shows Canada will supply more than the minimum of 450,000,000 pounds of bacon in 1945 under its contract with the British government.



### U.F.A. PRESIDENT

*George E. Church, of Balzac, who succeeds Robert Gardiner, of Excel, at the head of the farm organization.*

Compared with 1944, hog production might fall off in some areas this year, he added. It had been estimated that in the first six months of 1945, production in Western Canada would drop from 25 to 30 per cent, and in the last six months from 15 to 20 per cent.

### Price of Security

Mr. Taggart, also chairman of the agricultural prices support board appointed by the Dominion government, warned delegates that Canadian farmers cannot expect to see establishment and maintenance of floor prices for agricultural commodities without paying some price for these benefits.

"If we can find a way to forestall 30, 40 and 50-cent wheat prices, we might have to forego \$3 wheat," he stated.

He predicted that ironing out price fluctuations of farm produce will bring about a situation where some commodities will be turned out in large amounts in favourable seasons of the year, and in smaller amounts in unfavourable seasons.

"That means someone will have to carry over stocks," he added, pointing out that production of some commodities, butter for example, exceeded consumption quotas for part of the year and dropped below these quotas in other parts of the year.

"The somebody that would have to carry stocks over would be the prices support board. The board would probably have to pay a little lower price for goods in order to do this."

### Food Needs and War

Agriculture will continue to occupy the important place it has in the past for at least the next generation, Dr. R. D. Sinclair, dean of agriculture, University of Alberta, said.

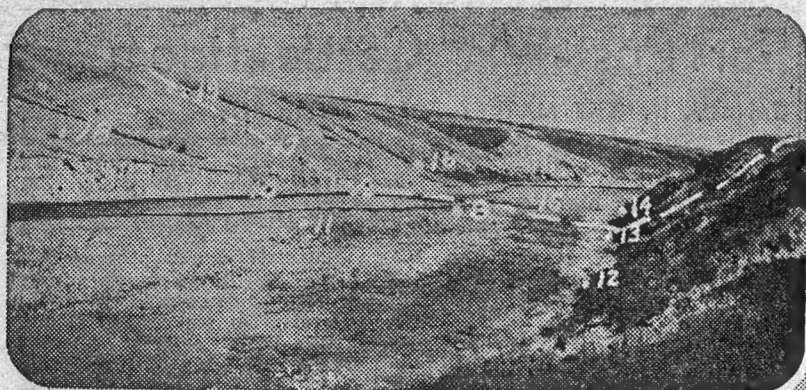
Dr. Sinclair traced the position of agriculture in history and stated the need for food was one of man's primitive instincts. This need had influenced man's attitude to peace and war, had been the cause of some of "man's inhumanity to man" through the centuries, had occasioned territorial acquisitions by nations and caused peoples to wander over the earth in search of arable areas. The supply of food in the world has never been far ahead of its actual need, he said.

Dr. Sinclair said about 2½ acres of arable land are needed to provide necessities of life for one person. There are 4,000,000,000 acres of land capable of cultivation in the world, and the globe's population has been estimated as somewhat in excess of 2,000,000,000 persons, giving a cultivated acreage per capita of approximately two acres.

(Continued on Page 31)



# Post-War Prairie Irrigation Projects Will Bring Water to a Million Acres



★ ★  
**P.F.R.A. Developments Outlined to Cost \$24,700,000. Five Major Undertakings Will Provide Work for Hundreds of Men, Improve Much Now Arid Land and Encourage the Establishment of Many New Rural Communities.**  
 ★ ★

ment will make use of Canada's share of the St. Mary International stream.

Engineering surveys have been completed and economic studies will be made in 1945 on the Red Deer River Division project. Waters from the Red Deer will be diverted near Stettler into a 100-mile canal down to reservoirs in the Hanna district in Eastern Central Alberta, utilizing the Ham and Kirkpatrick lakes south of Coronation. It is estimated this project will employ 1,500 men steadily for 18 months.

#### Many New Homes.

The Red Deer diversion would provide settlement and a means of livelihood for some 7,500 families in an area where about 90 per cent of the original settlers were forced out by drought conditions. The project could rehabilitate some 24 urban communities, now practically depopulated and provide irrigation for 500,000 acres.

The Medicine Hat Irrigation project would give employment to some 250 men continuously for 12 months and provide an area for settlement for some 1,000 families.

The South Saskatchewan Qu'Appelle River project, including a dam on the South Saskatchewan River in the Elbow-Outlook area would make water available for diversion to the Qu'Appelle River Valley. It is estimated 500 men could be kept busy for 18 months on this work.

The Souris River job would require only 100 men for eight months and include storage dams in the Souris River, south of Weyburn, and on Long Creek.



**V**AST post-war projects which will bring hundreds of thousands of acres in Alberta and Saskatchewan into rich agricultural production and provide work for hundreds of men for several years are mapped in the plans of the Prairie Farm Rehabilitation Administration.

Total cost of the five major items in this huge program of land utilization is estimated at \$24,700,000. As soon as Federal Government funds, construction materials and manpower have been made available, dredges will go into operation on the planned reservoirs and ditches and the necessary dams will be built. In addition to the five big projects, some 4,500 smaller water developments are included in the five-year program.

#### For Soldier Settlement.

In the most ambitious undertaking since the P.F.R.A. Act was passed nine years ago to assist prairie farmers in combating drought and economic depression, it is estimated some 1,000,000 acres of unproductive land can become revenue producing, supporting many thousands, by completion of the five major projects. Much of the land, publicly owned, could be used for soldier settlement, officials point out.

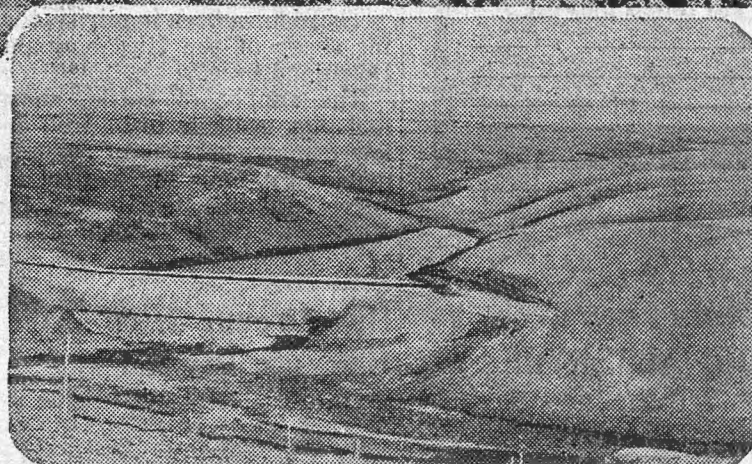
In addition to labour required in preparing materials, cement, lumber, equipment and miscellaneous supplies, the program would give work to 3,350 men for a total of 116 months.

The projects are:

1—The St. Mary-Milk River Water Development, costing an estimated \$15,000,000, to irrigate 345,000 acres in Southeastern Alberta which have a very limited production under present dry farming practices.

2—The Red Deer River Diversion, costing an estimated \$6,750,000, to irrigate approximately 500,000 acres, giving a constant water flow through 600 miles of dry creek, traversing 12,000,000 acres of range lands in Eastern Central Alberta and Western Saskatchewan.

3—The South Saskatchewan - Qu'Appelle River Development, costing an estimated \$2,250,000, to irrigate approximately 30,000 acres of land and provide a permanent water supply and limited irrigation for many agriculture centres of Central Saskatchewan, including Regina and Moose Jaw.



**H**ERE are views of three P.F.R.A. developments projected or in operation. Top is the engineer's survey of the centre line of the proposed dam on the St. Mary River, near Spring Coulee, Alberta. When completed the \$3,850,000 dam will be 186 feet in height, a half mile long and will impound 275,000 acre feet of water. Centre is a scene in the Qu'Appelle Valley, Sask., where water has been brought to the furrows of a truck garden and farm; while below is a typical stock dam storing run-off water in a coulee near Willowbunch, Sask.

—PHOTOS BY COURTESY OF W. L. FOSS, P.F.R.A. OFFICE, CALGARY.

4—Souris River Development, costing an estimated \$120,000, to irrigate 10,000 acres in the Souris River Valley of Southeastern Saskatchewan.

5—The Medicine Hat Irrigation Development, costing an estimated \$650,000, to extend the irrigation district constructed by the Canada Land and Irrigation Company and bring 75,000 acres under cultivation between Vauxhall and Medicine Hat.

#### Dams and Dugouts.

The post-war program also includes orderly construction of some 4,500 small water projects — small dams and dugouts — in communities needing permanent water supply in the three prairie provinces.

In the first nine years of the P.F.R.A. 22,000 water development projects have been completed, including 1,500 in 1944. These projects were a boon to the livestock industry and brought water facilities for pastures and feed lots in addition to irrigation.

George Spence, of Regina, Director of the P.F.R.A., and E. L. Gray, Superintendent of water development, briefly list the following as additional features in the Administration's post-war program of development for farm lands in the western provinces:

1. Surveys to determine prairie regions where trees grow naturally.
2. Surveys for wood lot planting of trees, or shelter-belt planting.
3. Surveys to determine how far wind erosion can be checked.

In 1945, some 180,000 acres will be surveyed for community pastures, adding to the some 1,500,000 acres already taken out of cultivation in the prairie provinces, Mr. Spence said.

#### Ready to Go Ahead.

Surveys, including engineering and soil studies have been completed for the St. Mary-Milk River project and "we are all ready to go ahead," he said.

Mr. Gray stated that the major dam on the St. Mary-Milk River project will be approximately 186 feet in height, one-half a mile in length and store 275,000-acre feet of water, costing an estimated \$3,850,000.

The main canal will distribute water from the dam, north of Cardston, Alta., some 150 miles northeast to a point near Medicine Hat. It was estimated the labour for the full \$15,000,000 project could keep 1,000 men working steadily for five years. The develop-



## To Have a Nest Egg

The housewife, planning for her kitchen of tomorrow; the business man thinking of post-war expansion; the farmer dreaming of new machinery in the years to come; all will need a "nest egg" of savings to make these dreams come true.

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## British Stockmen Prepare For Post-War Cattle Boom

### CANADA IN THE MARKET FOR SHORTHORNS

PEDIGREE stock markets in Britain are booming, and in the past few months pedigree breeding cattle have brought over £2,000,000 at auction, according to a recent item in the "Empire News", of London.

Two factors in the boom are purchases and inquiries by Dominion breeders, and the desire of British farmers to improve their stock in readiness for a world demand for new blood.

Typical examples of recent prices are 3,400 guineas for a Friesian bull, and 2,000 guineas for a young Ayrshire bull.

National Farmers' Union experts say that the total value of cattle in Britain has risen beyond £150,000,000.

Australia's demand is for more pure-bred Ayrshire cattle. Canada wants Shorthorns, says the *News*.

There have been inquiries, too, for sheep of the Highland and Downland breeds.

The supply of cattle, sheep and pigs is likely to be well below demand because of commitments to help in restocking farms in devastated Europe, the British writer believes.

### Heavy Young Draft Horses in Demand

THERE is a definite shortage of big draft horses of all breeds right across the Dominion. Buyers from every part of Canada complain that they are having a hard time to fill their requirements of draft horses weighing from 1,700 lbs. to a ton, young and well-broken. They state there is a fair number of this type with age on them, but young big drafters are very scarce.

There appears still to be plenty of farm chunks weighing from 1,350 to 1,600 lbs., but the larger young horses are few and far between.

Breeders are advised to feed their draft colts better. Give them a little more care so that they will develop into the size of horse which buyers are finding hard to get. All buyers agree that they want the thick, deep-bodied, easy keeping horse, with good legs and feet.

### BUY GOOD SIRE

THE University of Alberta, which has one of the best bands of pure-bred Percheron mares in Alberta, has purchased from the Justamere Stock Farm of Lloydminster, Sask., the black, three-year-old stallion, Justamere Decorator 18320. This colt, which has size and quality throughout, won first prize at the 1944 Saskatoon and Regina Exhibitions, and at the latter show he was made reserve Grand Champion. Through his sire, Major 13155, he carries the blood of the well-known Alberta Government stallion Job (imported).

The Justamere Stock Farm has also sold to Thomas Halstead, of Blackfoot, Alta., the yearling filly, Justamere Jalona and the yearling stallion, Justamere Decorator 2nd, a full brother to the horse which the University has just acquired.

### North Okanagan Cattlemen Organize

A DEFINITE and progressive step for North Okanagan cattlemen was made when an association for beef cattle growers was formed at a meeting held here.

The meeting was addressed by R. H. Carson, M.L.A., secretary of the parent organization, known as the B.C. Beef Cattle Growers' Association.

The meeting was attended by more than 30 farmers, representing 4,000 head of cattle in the North Okanagan. It was estimated that cattle in this area exceed 6,000 head. Representatives attended from the Lumby and Mabel Lake area, to Falkland in the west, and Kelowna in the south.

Officers elected were: President, T. P. Hill; vice-president, C. D. Bloom; directors, F. H. (Tommy) Wilmot, V. E. Ellison, W. Bulman, H. Hayes, J. Paterson, T. O'Keefe, R. J. Dall; secretary-treasurer, Mrs. Harry Hayes.—Vernon News.

### Alberta Breeders Ship 162 Bulls to U.S.A.

SHIPMENTS of 140 head of Shorthorn bulls and 22 Hereford bulls from Alberta recently marked the transfer of one of the biggest shipments of purebred cattle from this province to a United States buyer.

The animals were located by J. W. Durno, western representative of the Canadian Shorthorn Association, and shipped out by Eric Durno to the ranches of Chewacan Cattle Co. in Oregon and California.

Contributing to the important consignment were the following:

E. J. C. Boake, Acme; J. M. Cumming, Huxley; W. D. MacDonald, Grainger; N. D. Latimer, Bowden; E. M. Dodd, Innisfail; M. J. Manuel, Innisfail; A. Snyder, Didsbury; J. F. Trick, Carstairs; G. F. B. Fretwell, Clive; W. Allen, Lyalta; Leo Halstead, Carbon; R. B. Manuel, Innisfail; J. W. Manuel and O. K. Manuel, Innisfail; P. A. Switzer, Lacombe; G. K. Allonby, Keoma; Wm. Hudson, Kathryn; Yellowlees Bros., Crossfield; L. E. Booth, Three Hills.

J. C. Yule, Carstairs; Stewart Hay, Carbon; G. W. Stephens, Cayley; Geo. Calder, Innisfail; Claude Gallinger, Tofield; A. J. Hadden, Okotoks; D. C. Sinclair, Rumsey; Jack Graham, Grainger; G. W. Motter Estate, Crossfield; Charles Newton, Penhold; J. C. Kellock, Midnapore.

The U.S. ranches also bought 22 head of Hereford bulls from Burns Ranches Ltd.

### SECOND SHIPMENT

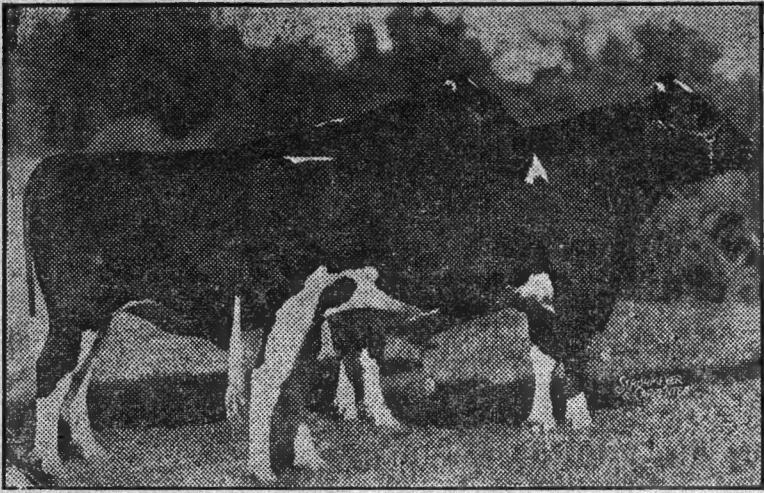
THE second large shipment of purebred Alberta bulls to go to the United States this season left Calgary early in January. In all there were 26 fine young animals, selected and purchased by A. V. Offil, of Coldwell, Idaho.

The largest group was 13 Aberdeen-Angus from C. C. Matthews, Calgary, while three of the blacks were from the ranch of Leonard Brothers, Irricana.

Herefords were purchased from A. D. Kerfoot, Cochrane; A. C. Hauswirth, Dalemead, and George and James Hole, of Airdrie.

Two Shorthorn bulls from J. C. Yule, Carstairs, and J. F. Finch, Carstairs, completed the shipment, which was consigned to a group of stockmen at Eureka, California.





## ALL-CANADIAN BROTHERS

These two blue-bloods are the Holstein bulls of the year, each having been named All-Canadian in his own class, and together they were named All-Canadian produce of dam. At the back is Montvic Rag Apple Marksman, the All-Canadian aged bull, owned by C. J. Cerswell, Beeton, Ont., and J. J. E. McCague, Alliston, Ont., while in front is Montvic Rag Apple Sovereign, the All-Canadian two-year-old bull owned by T. R. Dent and Clark E. Brown, Woodstock, Ont. Their dam, Montvic Rag Apple Colantha Abbeckerk, is a world champion producer and was C.N.E. grand champion in 1938.

## Breeders' Notes

A. L. Osborne, Pipestone Creek, Alberta, recently purchased, for \$850, a pair of black, rising five-year-old mares from Hardy E. Salter, of Calgary. They are Queenie Foot, by Chief Laet, out of Flossie, and Bess Laet's Romance, by Mel Laet, out of Black Bess. Both were mated to the Perlaet-bred stallion, Glenlaet.

THE entire slate of officers of the Saskatchewan Percheron Club was re-elected at the annual meeting at Saskatoon. C. W. Clark, of Prince Albert, remains president for 1945.

Other officers are: Vice-President, P. G. Gellows, Broadview; secretary-treasurer, Jonathan Fox, Lloydminster; directors, L. A. Doan, Stony Beach; W. B. Thompson, Milestone; G. T. Fraser, Tate; W. J. McCallum, Brownlee; L. Trimble, Elstow; H. L. Rockel, Lanigan; George Cooper, Pasqua, and F. G. Bryan, Wolseley.

MAIL ballots of the Canadian Percheron Association have chosen the following western directors for 1945: Alberta—L. O. Crockett, Mayerthorpe, and Prof. J. P. Sackville, University of Alberta; Saskatchewan—G. T. Fraser, Tait, and J. Fox, Jr., Lloydminster; Manitoba—James Ramsey, Lauder, and Carl Roberts, St. Adolphe.

THE Jersey cow, "Belle Ayre Anxious"—51932—, owned by the University of Alberta, has completed her 9th record of 10,518 lbs. of milk, 533 lbs. of fat, 5.54% in 365 days, at 13 years of age. This record brings her total production to 79,400 lbs. of milk, 4,541 lbs. of fat.

A certificate honoring Belle Ayre Anxious' record will be presented at the annual meeting of the Canadian Jersey Cattle Club in Toronto.

R. G. MAY, of Calgary, recently visited British Columbia and purchased five pure-bred Jersey cows and a young bull, Lindell Galinthia's Leader, which carries some of the best blood of the breed. Both his sire and dam have been classified "Excellent", the highest rating for type obtainable. The sire, Galinthia's Royalist was imported from the Island of Jersey by his owner, A. E. Dumvill, Sardis, B.C.

THE annual meeting of the Canadian Hereford Breeders' Association will be held in the Royal York Hotel, Toronto, on Wednesday, Feb. 14, 1945. Members attending will discuss the revised constitution of the organization.

NEWLY elected directors of the Canadian Aberdeen-Angus Association for 1945 include A. E. Foster, Lena, Man.; C. R. Wade, Asquith,

Sask.; Kenneth Holt, Craven, Sask.; S. J. Henderson, Lacombe, Alta.; Roy Ballhorn, Wetaskiwin, Alta., and C. C. Matthews, Calgary. Mr. Matthews is president of the association, whose annual meeting will be held in Regina during the week of the Spring Show.

G. F. Connell, of Regina, was elected president of the Saskatchewan Cattle Breeders' Association at the annual meeting. He succeeds J. G. Wilkinson, of Tuxford.

AN Alberta Jersey, Kentucky Primrose 2nd, owned by Chas. Dixon and Son, Edmonton, led the two-year-old class on 2X milkings during December, 1944, with a production of 8,479 lbs. milk and 542 lbs. fat, the Canadian Jersey Cattle Club reports.

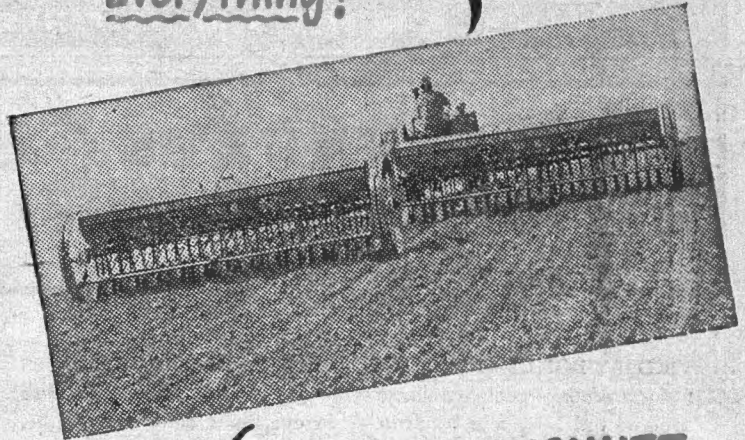
JOHN HUGHES, of Calgary, was elected president of the Southern Alberta Jersey Cattle Club at its annual meeting, January 20. He succeeds N. Reid Clarke, of Didsbury. Robert Carlyle, Calgary, is vice-president, and new directors are: Col. R. G. May, Chas. Carlyle and Fred Yeabsley.

TWO Alberta Holsteins received Honorable Mention for All-Canadian according to the list of awards just released. Tuxedo Rag Apple Nettle, bred and exhibited by B. E. Hosford, S. Edmonton, now owned by A. J. Davidson, Edmonton, was given Honorable Mention in the class for four-year-old heifers. She was the senior and grand champion female at Calgary Exhibition. Strathmore R. H. K. Sir Hengerveld, owned by Hays & Jensen, of Carstairs, received Honorable Mention for All-Canadian in the bull calf class. He was first and reserve junior champion at Calgary.

ALBERTA headed the list of Provinces in the Dominion in the number of pure-bred Percherons recorded during 1944, having registered 140. Saskatchewan was second with 110; Ontario, third with 103; Quebec, fourth with 73, and in fifth place came Manitoba with 42 new registrations. Saskatchewan transferred a total of 246 registered Percherons to new owners during 1944. Second in number of transfers came Ontario with 245; third, Alberta with 236; fourth, Quebec with 194, and in fifth place, Manitoba with 113.

APPROXIMATELY a million cattle were treated against warble fly infestation on the prairies last year, according to R. H. Painter, of the Dominion Entomological laboratory at Lethbridge.

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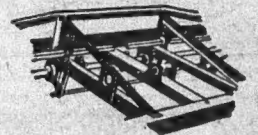
Farmers who have bought a COCKSHUTT NO. 8 STEEL DRILL say... "It's the world's best drill made better." That's high praise coming from the most practical buyer in the world... the Canadian farmer. Yes, farmers have compared and by their comparisons have proved that no other drill can equal the accurate, dependable seeding that is obtained from the COCKSHUTT NO. 8 STEEL DRILL. Its immense strength... light weight... light draft... are only a few of the features that make this drill the first choice of farmers. But, a word of caution to prospective purchasers... ORDER EARLY from your Authorized Cockshutt Dealer. He can best serve you when he knows your requirements well in advance.

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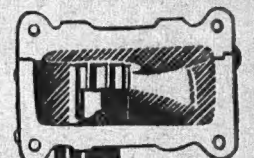
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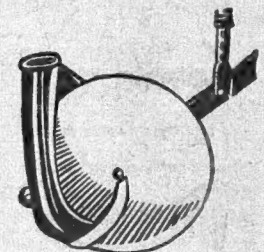
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## Fight the WARBLE FLY



**WHAT TO USE:** Any commercial warble fly wash.

**WHEN TO USE:** Treat first in early Spring when the grubs start to drop.

**HOW TO USE:** Follow directions on package. Apply to warbles with stiff brush or fingers. Rub in well.

**WHERE TO OBTAIN MATERIALS:** Consult nearest District Agriculturist or Municipal Authority.

**COST** per animal per treatment should not exceed 2 cents.

**SAVINGS** in beef, milk and hides may average as much as 5 dollars per animal.

IS THIS WORTH A LITTLE EFFORT?

CANADA NEEDS  
MORE BEEF  
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MORE LEATHER WITHOUT GRUB HOLES  
and YOU can use MORE MONEY!

SCIENCE SERVICE, DIVISION OF ENTOMOLOGY  
DOMINION DEPARTMENT OF AGRICULTURE, OTTAWA  
HON. JAMES G. GARDINER, MINISTER

## Requisition Bacon Supply for Britain

THE Canadian Meat Board will requisition a large part of 1945 bacon production from inspected abattoirs for shipment to Britain, the department of agriculture has announced.

The requisition will take for export the product of all Grade "A" hogs and a percentage, varying from time to time, of the product of Grade "B1" hogs. Normal supplies of bacon will be left for the Canadian domestic market.

The department said that "record quantities" of beef and pork products were shipped from Canada to Britain in 1944. Bacon purchased under the current agreement totalled 696,000,000 pounds, or approximately 5,800,000 hogs, compared with shipments aggregating 675,000,000 hogs under the previous contract.

(Under agreements with the United Kingdom, Canada planned to supply 500,000,000 pounds of bacon in both 1944 and 1945, a total of 1,000,000,000 pounds as a minimum. British authorities are anxious to take whatever additional quantities are available.)

### 320,000 Beef Cattle

The board also bought for Britain 132,000,000 pounds of Canadian beef—the equivalent of 320,000 head of cattle—and 1,150,000 pounds of lamb and mutton, or 26,740 head. Neither of these products was shipped to Britain in 1943.

Total value of the 1944 purchases of bacon and pork products for Britain was estimated at \$167,100,000, against \$151,012,000 in 1943.

Beef purchases were valued at \$26,800,000 and lamb purchases at \$250,000, making the aggregate value of the purchases last year of meat for the British Ministry of Food \$194,150,000.

Since the start of the war, up to the end of 1944, Canada has shipped to Britain about 2,727,000,000 pounds of bacon and 119,200,000 pounds of other pork products, or a grand total of bacon and pork of 2,846,200,000 pounds.

## 1945 International Trucks in 5 Models

THE commercial trucks produced in 1945 by International Harvester under government authorization will carry the same model designations and be styled the same as Internationals built in 1942, 1943, and 1944 for civilians. In keeping with Harvester's traditional policy of constant product improvement through the incorporation of new design features and new materials as soon as they have been proved by exhaustive tests, these new trucks will embody many new features and improvements, some of which had been contemplated before truck production was placed under governmental control in March, 1942. Most of these improvements have been incorporated in various military models the Company has produced since that time.

It is now permissible under material regulations to make use of them in civilian production. These new civilian trucks will be sold through the regular International Harvester dealer and branch organization, to essential operators whose business requirements warrant issuance of a Permit to Purchase from the office of the Motor Vehicle Controller.

Five basic models will be available in the 1945 International line. These will be produced in a variety of wheelbase lengths and with equipment to meet the requirements of essential users. Production of the popular medium-duty model K-5 will be continued as will the heavy-duty models K-7 and KR-11. Additions to the line for 1945 will be the light-duty K-3 and the heavy-duty K-8, also basic pre-war models. These trucks have the following gross vehicle weight ratings: K-3, 6,650 pounds; K-5, 13,500 pounds; K-7, 16,500 pounds; K-8, 20,000 pounds; and KR-11, 27,000 pounds.



J. C. HACKNEY

WHO has been appointed Manager of Farm Market Relations, Inc., agricultural consultants to Safeway Stores Limited in Western Canada, with headquarters in Vancouver. Mr. Hackney takes up his new duties after having spent four years in the R.C.A.F. During the past six months he was Command Recruiting Officer with the rank of Squadron Leader at Command Headquarters in Calgary. A veteran of World War 1, he spent two years in France and Belgium.

## Supply Vitamins In Sows' Rations

IN the summer when brood sows are on good pasture there's little cause to worry about vitamin requirements. During the winter, however, vitamins must be provided from other sources.

Vitamin A and D are very important. Vitamin A is the growth or anti-infection vitamin. It keeps the surface tissues of the body in a healthy condition so that they may resist bacterial infection. Vitamin D is essential for proper mineral assimilation.

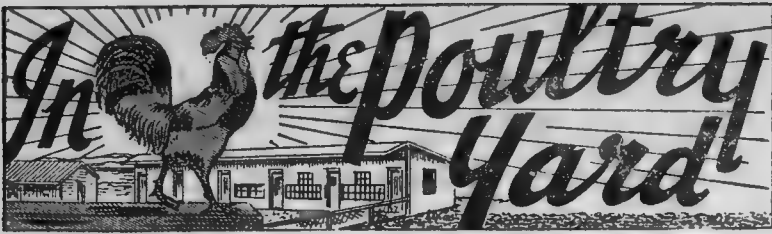
To overcome any deficiency of these vitamins fish oil should be added to the grain ration or well cured green alfalfa hay should be fed. The use of legume hay, particularly alfalfa if properly cured, not only helps to meet the vitamin requirements of brood sows, but also supplies some of the much needed calcium and protein.

## ON THE SPRING CALENDAR

- Feb. 6-8—Saskatchewan Dairy Convention, Regina.
- Feb. 13-15—Alberta Dairy Convention, Calgary.
- Feb. 13-16—Canadian Beekeepers' Council, Calgary.
- Feb. 13—Canadian Shorthorn Association Annual Meeting, Toronto.
- Feb. 14—Canadian Hereford Breeders' Annual Meeting, Toronto.
- Feb. 15—Clydesdale Horse Association Annual Meeting, Toronto.
- Feb. 21—Canadian Percheron Association Annual Meeting, Winnipeg.
- March 9-10—Lethbridge Horse Sale.
- March 12—Medicine Hat Spring Horse Sale.
- March 12-14—Calgary Spring Horse Sale.
- March 13-15—Kamloops Bull Sale and Fat Stock Show.
- March 16—Edmonton Spring Horse Sale.
- March 16—Brooks Horse Sale.
- March 19-23—Calgary Bull Sale, Baby Beef and Fat Stock Show.
- March 19—Red Deer Horse Sale.
- March 20-22—Lacombe Horse Sale.
- April 4-7—Calgary Spring Horse Show.
- April 10-13—Edmonton Spring Show and Bull Sale.

Keep Your Victory Bonds!





## Eggs for the Hatchery Require Special Care

A FEW years ago, practically all poultry flock replacements were made with chicks hatched on the farm—either under the hen or through the use of small incubators. Within a period of ten or fifteen years this practice has changed and at present a considerable part of the replacements are made through the purchase of millions of day-old chicks from large commercial hatcheries. Operators of these hatcheries, as a consequence, are in the market for huge numbers of eggs suitable for hatching, and a profitable outlet for eggs is made available to the flock owner.

Eggs for hatching command a premium in price over those sold for eating but must meet certain requirements before such premium is paid.

The objective of the hatcheryman is to produce a strong, healthy chick from each egg set. Proper feeding of the breeder flock and careful handling of the eggs will add materially in its attainment.

The flock should be shifted over to a good hatching ration at least three weeks prior to saving the first eggs to be used for incubation. These rations are high in riboflavin content, necessary to high hatchability.

Eggs should be stored in a clean, cool, well ventilated cellar and not held more than seven days. If held longer, hatchability is likely to be reduced. An even temperature of about 50 degrees F. is best.

Eggs should be selected for uniformity in shape and size and for shell texture and color.

Odd-shaped, misshapen and very large eggs or those showing any sign of containing more than one yolk should be discarded.

Selection for egg size will not only influence egg size in the progeny, but makes for greater uniformity in the chicks. Hatching eggs should run 24 ounces and preferably 25 ounces to the dozen with no egg going below two ounces.

Eggs having undesirable shell characteristics—thin-shelled, rough or sandy, ringed, etc., should be avoided and where shell color is a factor select all hatching eggs to color standard.

As dirty shells are undesirable prevent the production of these as far as possible, for cleaning, and particularly washing, is likely to affect the hatchability adversely.

Before shipping to the hatcheryman or placing in the incubator check all eggs for cracks, as it is improbable that a cracked egg will hatch.

### HEN'S WINTER COAT

A HEN needs a new winter coat after one year of egg production. While growing it, she is of little use in the laying house, and the earlier she starts thinking about it the less useful she is. Poultrymen should keep this in mind when culling. Some hens start moulting in June or July, but others delay it until November or December. The July moulting hen usually takes about six months to complete her moult and is out of production all that time. The December moulter completes her moult and returns to production in about six weeks.

JOHN J. E. McCague, president of the Holstein-Friesian Association of Canada, vice-president of the Canadian National Livestock Records committee, a vice-president of the Dairy Farmers of Canada and a prominent Ontario farmer, has been elected a director of the Bank of Toronto.

### Pointers in Care Of Early Chicks

THE Poultry Division at the Central Experimental Farm, Ottawa, offers to poultrymen in a condensed summary the following ten rules to minimize losses in the care and handling of early spring chicks in order to increase profits later in the season.

Buy chicks from a breeder or hatchery that uses eggs only from pullorum-free stock.

Buy chicks from a source close enough to home that the chicks are not too long on the road.

See that the houses in which the chicks are to be brooded have been thoroughly cleaned, scrubbed and disinfected.

See that the chicks are properly brooded—never over-heated or chilled. Have the brooder house sufficiently far from the old stock so that the chicks never come in contact with either the old birds or their surroundings.

Raise the chicks on clean ground over which no old stock has run for at least a year.

Do not allow the person who is handling the layers to tend the chicks. If this is impossible, then insist that he use rubbers before going into the brooder house or onto the chick ranges.

Do not allow strangers, especially those who are keeping poultry, to go into the flock, without first putting on a clean pair of rubbers.

Remove any ailing chicks as soon as noticed and do not put them back in the flock even after they have apparently recovered.

Get the chicks onto good green range as early as possible, and see that this range condition is continued throughout the growing period.

### Egg Production

ACCORDING to C. W. Traves, Poultry Commissioner, a decline in egg production at this time of year is often due to an improperly balanced diet, and loss of body condition as a result of heavy laying.

Numerous letters are received by the Poultry Branch with reference to the early moulting of birds. This condition, says Mr. Traves, is usually caused by pullets being forced beyond their capacity. The mistake is made by trying to force consumption of more laying mash in order to obtain higher production. The feeding of additional scratch grain will build up and maintain body weight and at the same time will keep up production.

SALES income to Manitoba farmers from poultry and eggs last year amounted to \$12,564,000. Marketings of poultry brought \$5,686,000 and eggs \$6,878,000. In the previous year sales income amounted to \$9,814,000, to which poultry contributed \$4,534,000 and eggs \$5,280,000.

THE Deputy Minister of Agriculture reports that income from the poultry business in British Columbia last year was \$11,490,000, of which approximately \$8,000,000 represented the sale of eggs.

To take care of supplies of poultry in excess of fresh poultry needs, the Wartime Prices and Trade Board has removed restrictions on the amount of stews, boiled dinners and hashes of poultry which may be packed in tin containers.



### HERE'S MY FEED PROBLEM

What is the most important thing to look for when feeding young chicks?



### HERE'S THE ANSWER

Be sure to feed a balanced feed—one that contains all the necessary food value in exact balanced proportions. That is why so many poultrymen use "Miracle" Chick Starter. "Miracle" Chick Starter is sure because it is tested. Just ask for "Miracle" Chick Starter and your feed problems are over.

ASK FOR "MIRACLE" FEEDS!



## NEW MIRRORS Made to Order, Any Size or Shape

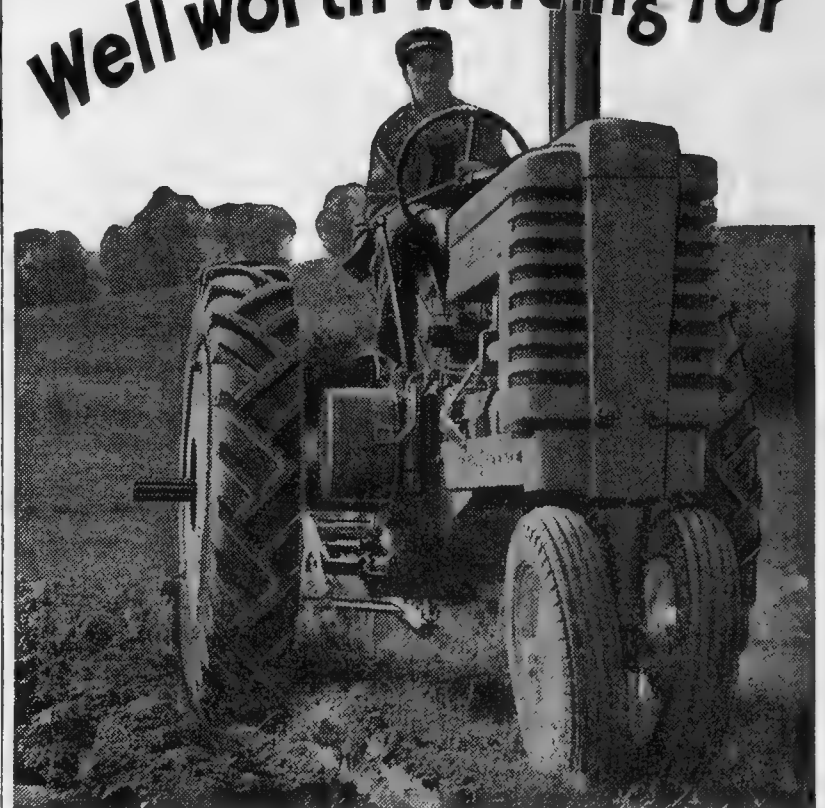
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# Well worth waiting for



THOUSANDS of farmers have placed their orders and are awaiting delivery of John Deere two-cylinder tractors because they know they're "well worth waiting for". They have kept their eyes on John Deere tractors, watched their performance during this wartime period, when oftentimes two days' work was crowded into one.

They found this: John Deere two-cylinder tractors stay on the job longer; the cost of operation and maintenance is surprisingly lower; the few adjustments required because of simple two-cylinder engine design are easier to make, out on the farm—takes less time and less expense to keep the John Deere in fighting trim.

Ease of handling—perfect vision, operator's platform, hand clutch, plus the hydraulic lift and self-starter—has made it possible and easy for farm boys and womenfolk to do a man-sized job and do it well during this emergency.

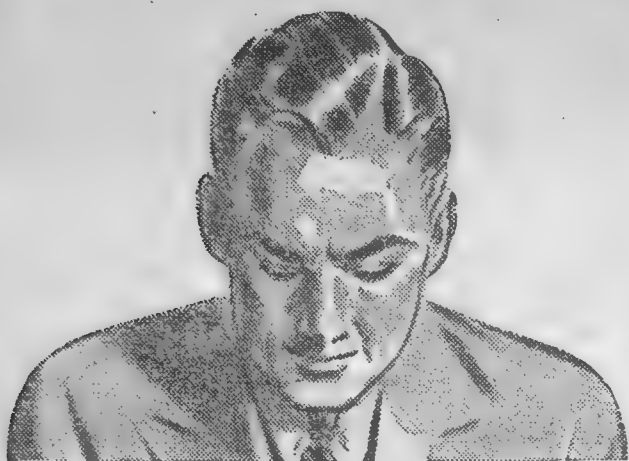
With seven power sizes and twenty models, plus a complete line of tractor-mounted row-crop equipment to match, there is a size and type of John Deere power outfit for every farm and crop.

The production of John Deere tractors is being stepped up as rapidly as restrictions are lifted and manpower is available, but there are still not enough to go around. Get along with your present tractor as long as you can, but if you must have a new one, talk with your John Deere dealer now.

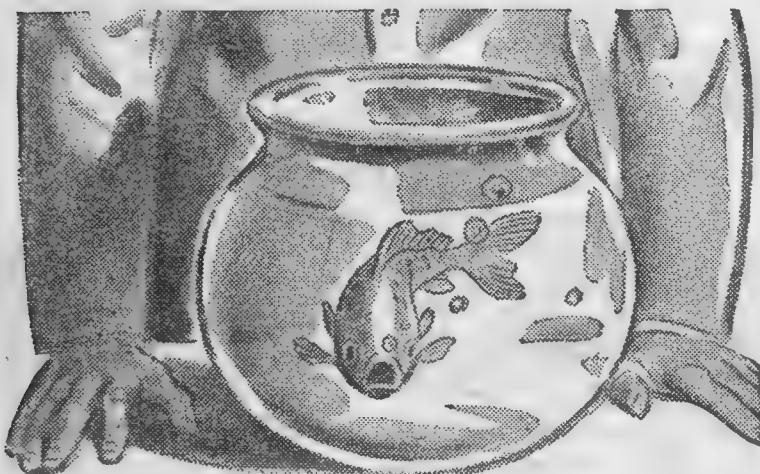
JOHN DEERE, Moline, Illinois







## No more privacy than a goldfish



While bringing its policyholders all the advantages of competitive business, life insurance "lives in a glass house". It has no more privacy than a goldfish. Complete details of its operations are available to policyholders and the public at large, in the 700-page Annual Report of the Dominion Superintendent of Insurance, and in Provincial Reports.

Under the laws enacted at Confederation and constantly broadened and improved during the past 75 years, policyholders enjoy the double protection of both Dominion and Provincial supervision. They receive full information about the life insurance business in Canada: its investments, its policy funds, its contingency reserves, the volume of protection which it provides and, in fact, the whole detail of its operations. No other industry in Canada is under such continuous and experienced supervision.

Life insurance is the outstanding business example of private management under government supervision in the public interest. Within this democratic pattern, the faith that Canadians have in their life insurance has been vindicated through wars, epidemics, panics and depressions. Within this pattern, the interests of four million Canadian policyholders are safeguarded.

## It is good citizenship to own LIFE INSURANCE

*A Message from the Life Insurance Companies in Canada*

## Farm Electrification In Alberta

### 6—The Individual Farm Plant

By PROFESSOR ANDREW STEWART

PRECEDING articles in this series have dealt largely with the use of energy generated in central electric stations, transmitted over high-voltage lines, and distributed to farms over lines of lower voltage. If cost were no consideration this source of power would always offer advantages over alternatives. It is flexible, and to secure power at any time the farmer has merely to turn a switch. But cost must be considered; if only as a means of choosing between alternatives. Wise choice will depend upon the relative costs under different conditions, taking into consideration those advantages and disadvantages which cannot be measured in dollars and cents.

It has been repeatedly emphasized that the costs of power line construction per farm vary with the number of connections per mile. As farms become more sparse and connections per mile fewer, the costs of providing central station power increase. On the other hand the cost of the individual plant per farm remains constant. Consequently at some point of density of farms the advantage shifts over to the individual plant.

The desire for electric power shown by farm people, the action already taken by the power companies in establishing test areas, the evident interest and concern of the Alberta Power Commission and of the Provincial Government suggest that, when materials become available, there will be a programme of distributing central station power to farms in Alberta. It would be unreasonable to expect that all farms in the Province would be served in a period of years; indeed, so far as can be foreseen, it would appear unwise to attempt to take central station power to farms in many parts of the Province. In these parts the use of the individual farm plant would still seem to be preferable. The individual farm plant has an important place in any programme of farm electrification in Alberta.

#### Survey of Plants

In an earlier article brief reference was made to farm plants, and to enquiries being made into their operation. Further information is now available as the result of a survey made by Mr. A. R. Brown on behalf of the Alberta Power Commission.

Four types of plant are found on Alberta farms. The most common is the type driven by a gasoline engine; although the predominance of the engine-driven plant is being challenged by the wind-charged plant. There is also a growing tendency to instal a combined plant consisting of a wind tower with an auxiliary gasoline engine. A few farms with large power requirements have small diesel plants.

Each of the three main types of plant has its advantages and disadvantages. The gasoline plant requires less initial investment than the others, and provides reliable and continuous service; but operating costs are relatively high. The wind plant generally costs slightly more than the engine plant, and may fail to provide energy at certain times; but operating costs are low. The combined plant naturally involves a larger investment, but continuous service is assured; and

### 27 More Farms Now on Power Line

TWENTY-SEVEN farm homes in the Olds area have been linked up to power lines, and the remainder of 100 in an experimental block will be electrified by the end of February, states H. B. LeBourveau, transmission engineer for the Calgary Power Company.

Shortage of transformers has been the main hold-up, but the company has arranged to obtain 25 a week during February.

Another project, supplying 45 farms in the Vegreville district with power, will probably also be completed by the end of February.

#### LETTERS WELCOMED

This article is the sixth and last of a series on the subject of farm electrification in Alberta, written especially for the FARM AND RANCH REVIEW by Professor Stewart, Department of Economics, University of Alberta. The author, in recent months, has been engaged in a survey of rural electrification in behalf of the Research Council of Alberta.

Letters will be welcomed from readers of the REVIEW commenting on Professor Stewart's articles and suggesting additional ways in which a programme of electrification can help rural homes and communities.

the experience of farmers operating this type of plant indicates that the cost of energy is lower than in the case of engines alone.

With from \$400 to \$700 invested in a plant, interest and depreciation charges represent a large part of the total costs. The proper allowance for depreciation is difficult to arrive at. Engine plants should last fifteen or twenty years with reasonable care. Wind plants might well last longer, but there is not much experience to go on. Most wind plants have been only recently installed. The survey indicates that the average cost per month, including interest and depreciation, is from \$4.00 to \$6.00 for wind-driven plants; \$6.00 to \$8.00 for the gasoline plants; and \$7.00 to \$8.50 for the combined plants. The power generated from the combined plants is generally greater, which reduces the cost of energy provided.

#### General Conclusions

The survey of farm plants points to some important general conclusions. First, farmers who have had experience with electric plants find them reliable, and are well-satisfied with the service they get from them. The equipment is good; and it is up to the farmer to get the most out of it. Second, many plants are giving less than optimum service because they have been improperly or poorly installed. The place and manner of installation will make a considerable difference to the service obtained. Third, many farmers who have plants are making much less than full use of them. Because of the overhead, less than full use results in high cost per unit of energy provided. Limited use means limited service.

Fourth, most farmers who have installed plants of low capacity wish that their plants were larger. These farmers have experienced the advantages of electrification; and are anxious to get more power, more appliances and more service. There is a fairly clear trend in the direction of larger plants. Fifth, the trend to the combined plant has been mentioned above. This merely provides another illustration of the desire for more power, and for a wider range of appliances.

These conclusions suggest that the farmer who is considering installing a plant should make certain that the capacity of the plant is large enough to give him all the service he wishes; that the plant is properly installed in the place which will make it most useful to him; and that he has enough appliances to make the most effective use of the capacity he has. To ensure these things he should get as much information and advice as possible.

#### Exception to Rule

There is perhaps one exception to the rule that larger sizes of plant are to be preferred. In some districts of the Province where farms are in the process of being developed, or where farming on a small scale is combined with other activities, the power requirements are not great, and may be

(Continued on Page 31)

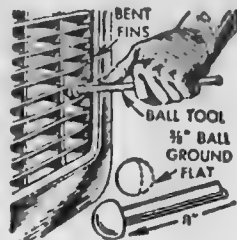


## FRONT-UP DEVICES

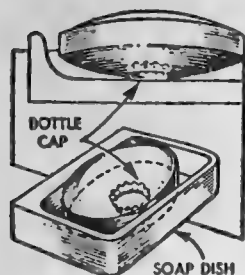
By Courtesy Popular Mechanics Magazine

### BALL-END TOOL STRAIGHTENS FINS IN CAR RADIATORS

STRAIGHTENING fins in a radiator is a simple job if you use a tool like the one shown. It consists of a  $\frac{3}{8}$ -in. steel ball ground flat on one side and soldered to a length of rod, which serves as a handle. In some cases, it may be possible to make a tool by grinding the head of a carriage bolt to suitable shape. In use, merely dip the head of the tool in oil or light grease and run it horizontally between the fins. If the fins are bent badly, it may be necessary to make several passes with the tool between the same fins to straighten them.



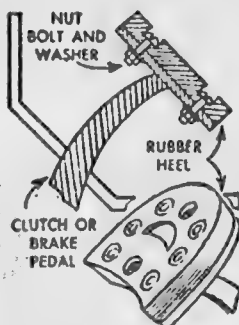
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### BOTTLE CAP IMPROVES SOAP DISH

MUCH soap is wasted by the water at the bottom of a soap dish. This waste can be reduced by cementing an inverted bottle cap to the dish to hold the soap off the wet bottom as shown.

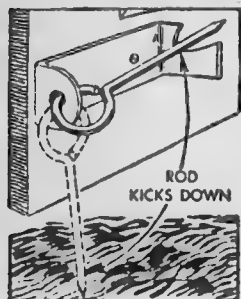
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### RUBBER HEEL SERVES AS PEDAL PAD

A RUBBER heel will make a serviceable and easily replaced substitute for a worn rubber pad covering the clutch or brake pedal of your car. Drill two holes through the heel and the pedal plate and insert bolts to hold them together.

★ ★



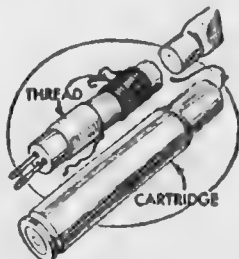
### STOP ON GARAGE DOOR OPERATED WITHOUT STOOPING OR BENDING

WHEN you need a stop to keep a garage or other large door open, this one is positive in action, can be made at practically no cost and can be operated with your foot. The stop consists of a metal bracket shaped as shown to take a length of  $\frac{3}{4}$  or  $\frac{1}{2}$ -inch iron rod which is pointed at one end and has an eye formed on the other. In use, the rod can be dropped into position with the toe of your shoe. When you want to release the stop, push slightly on the door and flip the rod back onto the bracket with your foot.

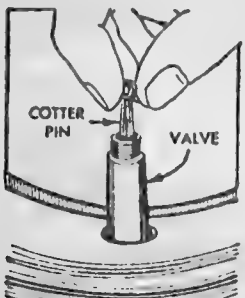
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### SEWING KIT FOR YOUR POCKET FROM A RIFLE CARTRIDGE

A 30-30 rifle cartridge with a small, round piece of wood to slip inside it will provide a handy sewing kit to carry in your pocket. A couple of yards of black and white thread can be wound around the wood, which also is drilled lengthwise for the insertion of two needles. A tightly fitting stopper, either cork or one whittled from wood, completes the kit.



★ ★



### COTTER PIN REMOVES VALVE CORE

WHEN there is no tool at hand for removing a valve core from a tire, do the job with a cotter pin. Spread the legs of the pin slightly, insert it into the valve stem and then squeeze the legs against the core to unscrew it.

★ ★

### NON-TIP FOR INK BOTTLE

HAVE you ever spilled India ink over your work because the bottle was small and easily tipped? Such accidents can be avoided if you cement a heavy base to the bottom of the bottle. A glass castor cup, fastened with rubber cement, is ideal.

★ ★



AN ordinary tin funnel placed on top of a paint can will speed up work that has to be done with a small brush. You can run surplus paint off the brush and back into the can without waste and the paint does not dry out so fast when the can is covered by the funnel. . . . and if you are interrupted you can leave the brush in the can and know that it will not dry out.

WESTERN hay surpluses may be commandeered by the Prices Board to meet serious shortages in Ontario and Quebec. Ceiling prices set last fall to check the steep rise in prices, remain in effect. Maximum price to the grower or country shipper for baled hay is \$18 per ton f.o.b. nearest railway shipping point.

## The DE LAVAL MAGNETIC SPEEDWAY MILKER

*Has What It Takes*

FAST MILKING

UNIFORM MILKING



*For Best Milking Results*

Experience . . . the best yardstick of all . . . proves that both fast milking and uniform milking are necessary to best milking results.

And the De Laval Magnetic Speedway Milker has what it takes . . . for best milking results. It is a naturally fast milker . . . and used in connection with the De Laval Speedway Method of Fast Milking is providing users with the top brand of fast, clean milking.

The De Laval Magnetic Speedway

is the only magnetic milker . . . with pulsations for all units in operation controlled by one master controller. Hence it is the only milker providing absolutely uniform milking at all times . . . with all units milking exactly alike at every milking.

Fast milking and uniform milking is an unbeatable combination for best milking results. It's the kind of milking that pays highest profits . . . and the kind you want for your herd.

### DE LAVAL STERLING MILKER

### DE LAVAL SEPARATORS

The De Laval Sterling Milker is a worthy companion to the great De Laval Magnetic Speedway Milker and is particularly adapted for those to whom lower price is an important consideration. The Sterling Pulsator has only two moving parts, gives positive milking speed and action. De Laval Sterling single or double units may also be used on any other make of single pipe line installation.



De Laval Cream Separators skim cleaner, last longer, cost less per year of use and earn more. They produce highest quality cream for highest quality butter and may easily be washed in a few minutes' time under ordinary farm conditions. De Laval Separators are made in a wide variety of sizes and styles and at prices to meet every need and purse. Hand or motor drive.



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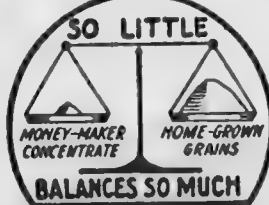
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Poultry Profits  
in the Egg before they've  
Hatched --- with ...

MONEY \$ MAKER

POULTRY BREEDER CONCENTRATE

This exclusive, farm-tested Money-Maker feed has produced exceptional results for poultrymen everywhere. It is scientifically compounded of all the necessary ingredients to produce large, fertile hatching eggs. Eggs that hatch into the vigorous, healthy chicks that develop rapidly into producing birds.



FEED: — Mix 100 pounds of Concentrate with 400 pounds of your own grains.

Put Poultry Profits in Eggs Before They Are Hatched by Feeding MONEY-MAKER—NOW!

FOR PLUS PROFITS

MONEY \$ MAKER

FEEDS and CONCENTRATES

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# Personal Loans

A LOAN OF \$100, repayable in twelve monthly instalments of \$8.34 costs \$3.25 at branches of this Bank. Other amounts are obtainable on the same scale of cost.

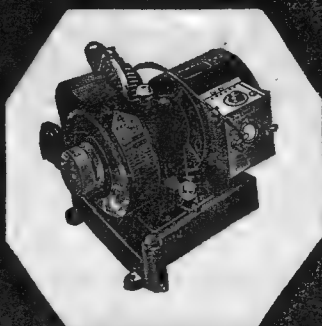
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A Johnson CHORE-HORSE means not only the comfort, safety and convenience of eye-saving ELECTRIC LIGHT in house, barns and yards, ELECTRIC CURRENT for radios and charging batteries, but also labour-saving POWER for operating washing machines, cream separators, water pumps and feed choppers.

The Johnson CHORE-HORSE, a gasoline-fueled, electric generator with power take-off pulley, supplies both electric light and power at LOW COST. When you invest in a CHORE-HORSE you decrease your fire hazard, increase your comfort and lighten your labour. Write to-day for FREE illustrated literature.

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PETERBORO CANADA

## Jackson Returned As A.F.U. Head

JAMES Jackson, of Irma, was re-elected president of the Alberta Farmers' Union for his third term at the annual convention of that body held in Edmonton. He defeated Chester O. McGowan, of Hairy Hill.

Mr. Jackson, in his report to the meeting, urged establishment of a provincial experiment farm to determine accurately the cost of producing each bushel and animal.

"We already have experimental farms for the purpose of raising higher yielding or frost-proof varieties," he said, "but these farms are not meant to run on an economic basis. What was needed was an average-sized farm run by a competent manager to meet all expenses and taxes and run on an eight-hour basis."

J. B. Brown, of Winnipeg, Canadian Co-operative Implements, Ltd., executive, told the convention that farmers could obtain control of all farm machinery sold in Western Canada if they united in a co-operative organization.

The general policy of the C.C.I.L., he said, was not manufacture of machinery but to take the machinery at the factory door and effect savings to farmers through co-operative distribution.

## Knox Saskatchewan Wheat Champion

W. G. Knox, of Tuxford, Sask., was named winner of the wheat championship in the registered seed classes at the 36th annual Saskatchewan Provincial Seed Fair at Saskatoon early in January.

He also was declared winner of Farm Crops Trophy for the best sample of hard red spring wheat in the open classes. Both of Mr. Knox's samples were of the Apex variety and weighed a little more than 66 pounds to the bushel.

The championship in the open class six-rowed malting barley was won by George Gwyllt, of Kelvington.

W. J. Pulham, of Tyner, won the McCabe Bros. trophy for the best exhibit of flax with a sample of Royal.

The Junior barley championship was Lenora Huffman, of Aberdeen, won the Seager Wheeler trophy for the best sample of Thatcher.

The junior barley championship was won by Hubert Wilts, of Englefeld.

## Options in Paying Farm Income Tax

TWO important income tax options to farmers are announced by the Calgary office of the income tax department.

During 1944 farmers were given substantial cheques by the Wheat Board as "participation" payment on their 1940, 1941 and 1942 crops. This income may be applied to 1944 or to the year in which the grain in question was delivered, and naturally the farmer will put it where it will keep his total tax the lowest.

The law is that if he declines to consider it old income in one case, he must do so in all cases. He must also pay 5 per cent interest on the tax from the time that year's tax became due, if he applies it to old income.

The other option is based on the quota delivery regulations. If the farmer is prevented by the quota from delivering grain in any calendar year and does deliver and sell it in another calendar year, he may apply that income to either year for income taxation purposes.

All producers who delivered wheat to the Wheat Board during the crop year ending July 31, 1941, were given participation certificates worth 6.215 cents per bushel No. 1 Northern. For the crop year ending in 1942, meaning the 1941 crop, the payment was 15.336 cents, and for the next year it was 12.502 cents. The 1942 and 1943 payments were lumped in one cheque and the Calgary income tax office understands that all or nearly all producers received theirs in 1944 for all three years.

## TALKS FOR WOMEN



### HELEN MAGILL

Miss Magill is the CBO producer in charge of Talks for Women in the Prairie Region, headquarters Winnipeg. She has announced the following new series of Prairie Homemakers' programs to be heard each Wednesday afternoon from 5:15 to 5:30 CDT., 4:15 to 4:30 M.D.T., from Station CBK, Watrous (540 KO.), and other stations of the Prairie Network:

- Feb. 14—Planning the Farm House. R. P. Frey, Professor of Agricultural Engineering, University of Saskatchewan.
- Feb. 21—Lighting the Farm House. Prof. Frey.
- Feb. 28—Plumbing for the Farm House. B. T. Stephanson, Extension Agricultural Engineer, Alberta Department of Agriculture.
- Mar. 7—Heating the Farm House. Prof. Frey.
- Mar. 14—Kitchens in the Farm House. Bertha Oxner, Director of Women's Work, University of Saskatchewan.
- Mar. 21—Your Family's Safety. W. Trevor Davies, Director of Safety, Manitoba Department of Labor.
- Mar. 28—Home Fire Hazards. W. Trevor Davies.
- Apr. 4—Farm Accidents. W. Trevor Davies.
- Apr. 11—Household Accidents. W. Trevor Davies.
- Apr. 18—Immunization—Your Child's Safeguard. By a Western Physician.
- Apr. 25—Parents—Friends or Enemies? S. R. Laycock, University of Saskatchewan.
- May 2—Money and Clothes for Teen-Agers. S. R. Laycock.
- May 9—What About Late Hours? S. R. Laycock.
- May 16—Choosing a Job. S. R. Laycock.

## Here's a Chance For Mixed Farmers

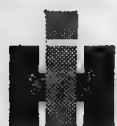
ANYONE interested in acquiring four monkeys can probably strike a bargain with Herman Hilton, in charge of the U.S. Commodities Division of the Treasury Department's procurement division in Washington.

Questioned by Senator Homer Ferguson, of Michigan, Hilton said the monkeys had been used by the Air Corps in making altitude reaction tests. He still also has 10,000 surplus carrier pigeons and 5,000 war dogs for which to find a market.

## DEPUTY RETIRES

AFTER more than 40 years of service, first with the old Territorial Government and later with the Government of Saskatchewan, J. J. Smith, deputy minister of municipal affairs, has retired. He has been succeeded by J. McIntosh, chief clerk of the department.





**This Symbol Means: "Product of INTERNATIONAL HARVESTER"**  
**It is the Mark of QUALITY and EXPERIENCE...**

**Y**EAR IN and year out the name International Harvester has been a rallying call to Agriculture. Season after season the Canadian farmers have relied on Harvester for new machines and new methods in farm operation. We have marched in step together—fast—to better, easier farming and higher standards. . . . All this began with the invention of the Reaper by Cyrus McCormick in 1831.

Today Harvester gives you a new symbol to remember. A new emblem that means the same as International Harvester. A new mark by which we dedicate our products to *Your Service*.

International Harvester has great things in store for your future on the farm. You have heard of

some of the plans we have made. We have told you something of the automatic 1-man hay balers . . . self-propelled combines . . . modern farm refrigeration . . . easier control of Farmall implements. The Company has announced these new products reluctantly, because we cannot build them in quantity.

Volume production must wait on Victory. When Peace comes, things will be different. You may take the symbol displayed here as our pledge, and the pledge of our dealers, that International Harvester will lead the way, as always, to Agriculture's future.

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On with the VICTORY DRIVE in '45 -- Work, Save and Lend your money to keep our Fighting Lads well supplied and equipped to deal the knock-out blow -- SOON THIS YEAR!

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THE ROYAL BANK OF CANADA

## Editorials PRACTICAL FARMERS

IT stands to reason that the control and direction of industry by the government would not be as efficient as industry conducted by private enterprise.

National production calls for largely divided responsibility. A bureaucracy cannot run business from the top down. The intricacies of business demand personal initiative and experience. The speed-up in war production proved this.

### For Private Enterprise

The enemies of democracy and private enterprise through their high-powered propaganda are trying to deceive the people into believing that to achieve progress, private enterprise must give way to public enterprise. But during the past twenty years people have come to realize the danger of bureaucracy.

Bureaucrats with all their directives have superseded Parliament in the making of laws. They are a very undemocratic substitute for governmental authority in democracies.

The people should put an end to the undermining of their sovereignty.

Our provinces must demand decentralization. Powers that do not belong to the Dominion Government should be returned to the provinces.

Socialistic propaganda today is endangering our franchise by advocating a totalitarian government bureaucracy, government by regimentation which would destroy liberty.

If liberty goes what remains? Only the servile state, which means swift retrogression into barbaric slavery, out of which it took Christianity over a thousand years to lift humanity.—R. L. Lloydminster.

...

THE recent appointment of a Commission of Enquiry by the Dominion Government to investigate co-operative enterprises in regard to the payment of corporation, Income and Excess Profits Taxes, has stimulated a great deal of public interest in the economic co-operative movement. Unfortunately the appointment of this Commission has created considerable public misunderstanding of the bona-fide non-profit economic co-operative movement.

### Pseudo Co-ops.

This Province has a number of long established and shining examples of bona-fide economic co-operatives which are providing highly beneficial economic and social results for both producers and consumers. Amongst these are the Surrey Farmers, the Okanagan Fruit Growers, the Fraser Valley Milk Producers, the Kuyquot Trollers, the Prince Rupert Fishermen and a variety of retail stores scattered all over the Province.

They are all strictly neutral regarding race, religion and party politics and are effective examples of perfecting the free mutual selfhelp enterprise system on which a truly democratic economy is founded. They also have all been built from the ground up by groups of people who are earnest in their desire to help each other, on a classless basis. A practical expression of true Christianity.

In contrast we have the pseudo co-operatives, promoted as Income Tax evasion schemes which throw an increased tax burden on the honest citizens who pay their taxes in spite of the fact that such payments are not generally relished. It is not surprising that an investigation Commission has been appointed. The bona-fide non-profit economic co-operatives will not suffer from the investigation on the contrary their prestige will be greatly enhanced.

Further investigations, with published findings, would serve as a guide to any intending members of co-operatives which are promoted from the top down as a means of selling unwanted businesses, at high prices. During the

last World War many temporarily profitable but unwanted businesses having poor future prospects and out-moded equipment were unloaded on to farmers and others quite legally as co-operatives. The promoters got the money and the members were left holding the bag. Subsequent failures caused severe financial loss to their members, in some instances causing the loss of their life's savings, farms and other properties.

Such co-operative promotions greatly damaged the bona-fide economic co-operative movement. A similar trend appears to be developing today and a serious effort must be made to stop it. Careful scrutiny and analysis of proposals to sell highly profitable businesses during a war-time boom may reveal the real reasons for selling. The old adage "let the buyer beware" also applies in these modern times of smoothly streamlined promotions carefully designed to separate the people from their savings as painlessly as possible.

In spite of undesirable co-operative promotions from the top down, there are many bona-fide economic co-operatives now being built from the ground up by courageous and determined groups of people who desire to take positive action to help each other.—Sidney Pickles, Saanichton, B.C.

...

ANSWERING R. J. Deachman's letter in the last issue of the REVIEW, I wish to state that I've read several of his letters and they all smack of the same attack on the working man. For anyone to think that in the post-war era we will go back to the old standards of profit and greed, when this old Babylonian system is on its last legs and

### For The Working Man

tottering to a complete and final smash-up is to think like all who know nothing of the only authoritative Book in all the world whose prophets have foretold to the very hour in which we live, the very things that now stand before us in full view.

Since 95% of these prophecies are now fulfilled and only 5% or less are yet to be fulfilled in the short space allotted, we are fools to think that they also will not be fulfilled. When money lords refuse to hear God's word to them then they will suffer the consequences of their stubbornness.

When the working man gets only what is his just dues then up go prices so the employer can keep up his big profits. He never did share his losses with the working man and never will until "He comes whose right it is to rule," and He will rule with equity and justice to all.

I resent the statement that labour grabs every dollar it can regardless of consequent results. When I hear men always crying down labour it makes my blood boil for I've suffered much at the hands of slave drivers. Don't tell a red-blooded man that he ever gets too much for his work. Come across, and cut your own big salaries, rake-offs and profits and we will all live decently.—S. C. Wilcox, High River, Alta.

...

I AM writing you with regard to an article headed "Bankers and Credit," by R. J. Deachman. This article is misleading when he says, "the bank did not create the deposit", after admitting they have monetized an existing credit.

### Money and the Banks

The fact that the banks do create deposits by buying securities or monetizing existing credit has been proved so often and so conclusively that it is astonishing that a man of Mr. Deachman's intelligence should take such a line and can only be construed as an

(Continued on page 17)



## APPOINTED DIRECTOR OF ROYAL BANK



**GRANT MacEWAN, B.S.A., M.S.**

*Professor of Animal Husbandry at the University of Saskatchewan, who has been appointed a Director of The Royal Bank of Canada. Professor MacEwan is well known throughout Western Canada as an authority on all phases of Canadian agriculture, and one of the country's leading judges of livestock.*

*In addition to being the author and co-author of several standard textbooks on agriculture and animal husbandry, he operates his own farm in Alberta, southwest of Calgary.*

## Alberta Wheat Pool Directors Returned

THE Alberta Wheat Pool has re-elected all last year's directors, namely, Ben S. Plumer, C. Jensen; G. G. Coote, Lew Hutchinson, W. J. Blair, E. H. Keith, G. L. Harrold.

Mr. Plumer was re-elected chairman by the directors and Mr. Keith, vice-chairman. A central committee will include the chairman, vice-chairman and Mr. Coote.

## REPORT RECORD YEAR

IN its 58th annual report, the Manufacturers Life Insurance Company reports \$790 million of business in force on approximately 260,000 lives, providing protection to probably more than one million people. The business of the company is approximately 44% domestic and 56% foreign, in which latter category is included business in the United States, the West Indies, Central and South America, the United Kingdom, South Africa and the East. New business amounted to \$94,500,000, and constitutes a new record for the company.

## SEED CATALOGUE

GARDENERS who are already making plans for the start of their spring activity will find elsewhere in this issue the advertisement of the Dominion Seed House, Georgetown, Ont., offering a free copy of its seed and nursery book for 1945 to those who write for it. This catalogue lists and illustrates a wide range of vegetable and flower seeds, nursery stock and other items for the garden and grounds.

## MARKET FOR RABBIT

MEMBERS of the Alberta Rabbit and Cavy Breeders' Association, at their annual meeting in Calgary, heard a satisfactory report of the market which has been established for rabbit meat in the city and of the marked improvement in exhibits at the show held in December.

Officers for 1945 are E. M. Barnes, president; W. J. Clapham, vice-president; Mrs. A. C. Oliver, secretary; Mrs. E. M. Clapham, treasurer, and J. Korgaard, J. Lomas, B. Johnson, L. Rosenberger and Mrs. J. Lomas, directors.

## Nevada Man Buys Old Waldron Ranch

ONE of Alberta's earliest ranch properties, the Waldron Ranch, north of Lundbreck, has recently been sold, it is reported to the Review by C. H. Magee, of Freeze-Cope Agencies, Calgary, who handled the transaction.

The new owner, J. F. Miller, of Las Vegas, Nevada, will take possession in the fall of 1945. While the exact figure paid for the 19,000 acres of deeded land is not disclosed, the price paid was over \$125,000 cash.

## Editorials by PRACTICAL FARMERS

(Continued from Page 16)

attempt to bamboozle the uninformed.

No one disputes the fact that bankers are useful members of society, but Mr. McKenna happens to be rather an exception in that he was willing to make a straightforward truthful statement which revealed more than the majority of bankers care to have revealed because they have been trying to deny it ever since.

Another misleading statement of Mr. Deachman's is where he says, "When the bankers restrict the supply of money, they do so at their own expense their profits fall." Nothing could be farther from the truth. Not only do their incomplete annual statements show this but from experience we know the value of the securities they hold are discounted so that in some cases a \$200,000 security is carried in their books at \$1.00 and in addition their untaxed "hidden reserves" were considerably augmented but not revealed to the public, out of whom they were made. His jibe at rubber money is recognized at its true value. The present so called sound money has the rubber quality more than any other because it bounces again and again in the form of interest and the principal is never paid off.

For example the national debt of Canada was increased by two billion, four hundred million by the costs of the first World War which was to make the world safe for democracy. We have paid back two billion, six hundred million when the present global conflict broke out; which to all appearances will result in the world being made safe for bankers—and for them only.—H. E. Nichols, Secretary, Alberta Farmers' Union, Edmonton.

FARMERS will be in the market for a large quantity of agricultural implements after the war, and the question which interests me is: what will be the price.

We farmers have done fairly well during the last few years, but, in part, it is the result of self-denial. We have worked very hard, bought little. There are many farms which will need new equipment and that soon. After the war we must expect a decline in the prices of farm products, that is, unless we are willing to give our goods away, and I have my doubts as to how far we can afford to go in that direction.

It would be indeed interesting if we knew something of the prospects of implement prices in post-war days. Wages in this industry are now, I understand, 42% above the pre-war level. If our requirements reached the volume which they did in 1926 to 1929, this would add an increase in cost to farmers of about five million dollars—while the raw materials used in the industry would also be higher.

It is quite possible that with these increases we might expect to pay 20% more for our implements than we paid before the war. This is not far from the estimate which has been made by certain manufacturers of motor cars. They expect prices to be up from 20 to 25% due to higher costs of material and wages.

What should the farmers do about this situation? Is there a limit to price advances, or will the lid be taken off after the war?—A. R. J., Raymond, Alta.

# Something Extra For Every Size of Farm



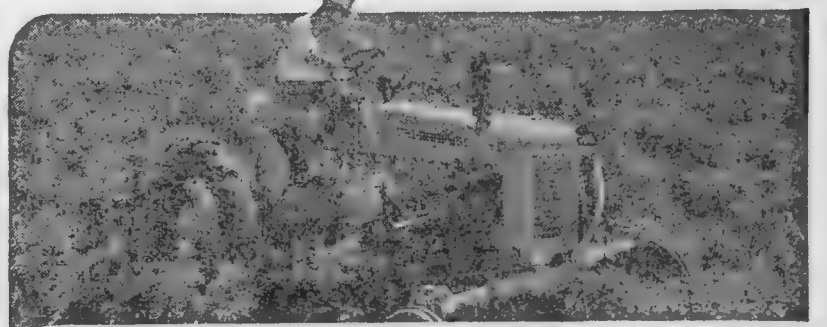
Farmers who have a lot of plowing and harrowing, seeding or summer fallowing . . . a lot of grain to take care of with combine or thresher . . . find this three-plow Case "D" is the tractor to get work done more promptly, with fewer man-hours. Because it gets work done in fewer hours per year, it naturally lasts years longer, costs less per year to own. For larger farms there is the mighty "LA" that pulls a 4 or 5-bottom plow.

## For Every Type of Work



You get much more in a Case all-purpose tractor than power for plowing and seeding. This Model "SC" has capacity for fast work with a full two-plow load in practically any conditions. It does effective work with power-take-off driven combines up to 6-foot cut. In cultivating or other light work it saves fuel to shift into the fast fourth gear and slow down the engine. Front-mounted cultivators enable you to see what you are doing.

## For Every Crop System



This Case "VC" fits the small-to-medium farm, is ideal for the lighter work on large farms. It pulls two 12 or 14-inch plow bottoms in average soils, a 16 or 18-inch plow in tough conditions. It has full 2-row capacity for cultivating crops like corn or potatoes, correspondingly more in narrow rows. It is shown here with adjustable front axle, a special feature suited to certain truck crops. See your Case dealer about the model that fits your farming.

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**GET A COMPLETE TRACTOR.** You can have everything for your comfort and convenience in a Case tractor, as well as everything for making your power most useful. Regular and optional equipment includes electric starter and lights . . . magneto ignition . . . temperature and oil gauges . . . radiator shutter and bug screen . . . exhaust muffler . . . rear wheel fenders . . . power lift for tractor-mounted implements . . . safety seat that pushes up for a backstop when you want to stand for a change . . . full-swinging, self-locking drawbar . . . power take-off. The Case power take-off goes on for keeps; belt pulley is located on right side. J. I. Case Co., Calgary, Edmonton, Regina, Saskatoon, Winnipeg, Toronto:



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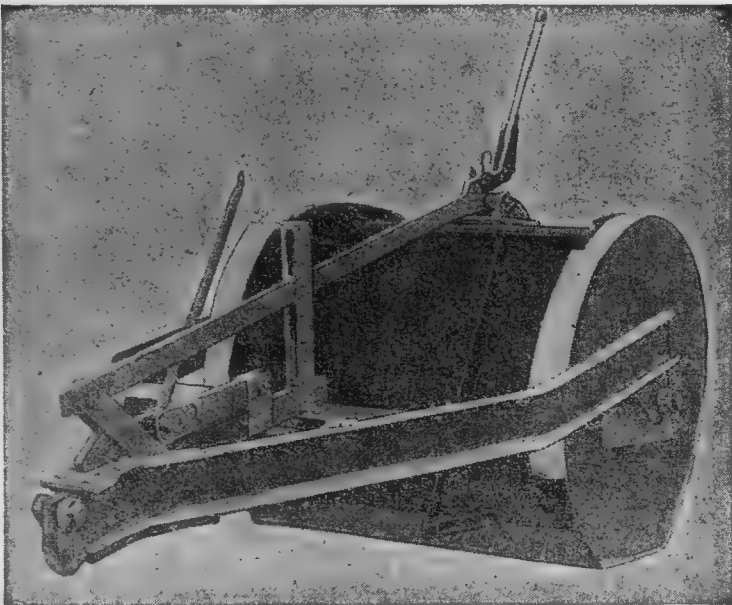
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Also made 30-in. dia. 36-in. wide.

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Tested by the Dominion Government Testing Farm at Swift Current—consult them as to the best size for your purpose.

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Priced so low that every farmer may possess this valuable piece of equipment.

We also manufacture Success Automatic Land Levellers and Ditchers for irrigation farm use.

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Sometimes used in winter for cleaning sheds and corrals, also used for land levelling and road repair.

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## Success Automatic Land Leveller

COMPANY, LIMITED  
MEDICINE HAT - ALBERTA

## Ottawa Should Announce 1945 Pegged Wheat Price Early

**A**MONG the factors which will undoubtedly influence spring wheat plantings to a considerable degree will be the announcement yet to be made respecting the price to apply for the 1945 crop, as well as the volume of deliveries which will be accepted. The announcement respecting price is normally made well in advance of the planting season and is expected early in 1945. Arrangements for delivery of the 1945 crop will naturally depend on the acreage planted and the probable yield.

In view of the recommendation that Canada's wheat acreage for 1945 should be reduced some 8 per cent from last year's figure, the Dominion Government should lose no time in announcing the guaranteed price for this year as a guide to farmers in planning their operations for the season.

The proposed reduction would leave Manitoba with 2,300,000 seeded acres, Saskatchewan 12,200,000 and Alberta 6,200,000, which with average yields would meet all requirements until the 1946 crop is harvested.

During recent months there has been an export demand for all the wheat for which transportation facilities could be provided. In view of the large United States wheat crop harvested in 1944, there is no certainty of an unlimited export demand for Canadian wheat continuing indefinitely, although in Australia, one of the major wheat-exporting countries, the current crop is seriously reduced by drought. During the navigation season just closed, a record volume of grain was handled through the Canadian lake-head terminals in spite of manpower difficulties.

## Ranchers Demanding Income Tax Change

**C**LAIMING the Dominion government income tax legislation is confiscation of capital assets so far as the cattle raising industry is concerned, directors of the Council of Western Beef Producers, in session in Calgary, January 24, decided to see the fight for revised income tax legislation "through to the bitter end."

Steps will be taken immediately to start a special fund among members of the organization to finance a direct appeal to government authorities at Ottawa, and to continue their representations until an inquiry of some sort is ordered by the government.

They claimed the tax as it affects the cattle industry is unfair and unjust, and that this particular structure should be revised.

Following a meeting of the directors of the Western Stock Growers' Association, George Ross, of Aden, chairman of the Council of Western Beef Producers, Tom Usher, of Scollard, president of the Western Stock Growers' Association, and Kenneth Coppock, secretary of both organizations, left for Winnipeg to attend a meeting of packing plant interests for a discussion of condemnation insurance.

The stock-growers also discussed changes in provincial government grazing regulations, and A. V. Wood, of the provincial department of lands and mines, will take the suggestions of the cattlemen back to Edmonton.

Previously, the government charged a flat rate for grazing land. Now the province is being zoned and charges to be based on the actual gain which animals record while feeding on pasture lands.

C. C. T. Robertson, of Bradwell, was elected president of the Saskatchewan Horse Breeders' Association, at Regina. He succeeds C. M. Rear, of Saskatoon.

## Expect Big Entry At Calgary Sale, Show

**A**PPROXIMATELY 1,000 head of purebred cattle of the beef breeds, an increase over last year's number, have been entered for the 1945 Calgary Spring Bull Sale and Fat Stock Show.

Dates for the forthcoming events have been set by Directors of the Alberta Livestock Associations as follows:

4th Annual Spring Horse Sale, March 12, 13 and 14. Entries close February 10.

45th Annual Spring Bull Sale and Baby Beef and Fat Stock Show, March 19 to 23.

44th Annual Spring Horse Show, April 4, 5, 6 and 7.

Enquiries as to prize lists, entry forms, catalogues and other information should be addressed to J. Chas. Yule, Secretary, Alberta Live Stock Associations, Exhibition Grounds, Calgary.

## Farm Price Outlook Good For 1945 - 1946

**C**ANADIAN farmers are assured of good prices for their exportable mixed-farming products during 1945 and 1946, but post-war prices will depend on the international trade situation. This view was expressed to members of the National Dairy Council of Canada at their annual meeting in Calgary by Frank S. Grisdale, Deputy Co-ordinator of Primary Products, Wartime Prices and Trade Board.

Recognizing the tendency of many farmers to drift to a type of production not so taxing on their energies as dairying and livestock and poultry raising, the speaker urged that marketings of these mixed-farming products be maintained at a high level. The Canadian home market, he pointed out, consumed 35 to 40 per cent of the nation's pork products, 90 per cent of dairy products, 90 per cent of its beef, 80 per cent of its eggs, 90 per cent of its poultry, 90 per cent of its mutton and lamb, 25 to 30 per cent of its wheat and 80 per cent of coarse grains, and the domestic price generally is determined by the price obtained for the relatively small export surplus.

## Post-War Warning

The speaker warned against expecting present ceiling prices to continue when over-production replaces abnormal wartime demands.

W. Frank Jones in his presidential address to the Council reminded his hearers that by March, 1945, a total of \$150,000,000 will have been paid in government subsidies in milk and its products, and he urged that consumers be reminded that this was only an emergency measure to control living costs.

"The fact remains," said Mr. Jones, "that Canada is basically an agricultural nation with a comparatively small population of consumers. No matter how good a job the dairy industry is able to do in the matter of increased domestic consumption, we shall still require export markets for the disposal of surpluses." Agriculture, as the nation's largest industry, must be healthy to ensure prosperity in Canada," he stated.

## BRIGHTEN FARM HOMES

**R**ECONSTRUCTION Minister J. H. Sturdy, of the Saskatchewan Government recently announced the establishment of a paint manufacturing plant in the province as part of a scheme to improve Saskatchewan farm homes. Veterans would be trained in the use of power paint sprays, he said, and employed in this work. Linseed oil for the paint would come from the Wheat Pool flax-crushing plant to be built at Saskatoon.



## Federation Favours Planned Marketing Of Farm Products

"LOOKING ahead, it seems to me that our greatest hope for stability and security in agriculture lies not in the planlessness of the past, but rather in continuing, and improving as we go, the new proven policy of systematic, co-ordinated production, and orderly, organized, nationally-directed and supervised marketing.—Implied in this, and fundamental to the success of this policy within our own country is the need for the same policy in world markets. This should mean simply a continuance of the fine neighbourly working arrangements proving so vital a factor in prosecuting the war," said H. H. Hannam, president, addressing the annual meeting of the Canadian Federation of Agriculture in Regina.

Mr. Hannam commended the Government and the Minister of Agriculture for the introduction of the floor prices measure which he described as a pioneering measure, and also for having been able to negotiate extension of food contracts in the U.K. "To have a remunerative contract price or guaranteed minimum price one or two years in advance," said Mr. Hannam, "transforms farming from little more than a gamble to a business with some foundation and future."

Mr. Hannam also referred to the importance of agricultural research and the scientific advances in farming, bringing need for important changes in the farm program. A forward-looking efficient agricultural industry must be prepared to take such changes in its stride, he said.

After emphasizing the value of planning and negotiation on a neighbourly basis in the international field, Mr. Hannam concluded: "To sum up, I would say that organized farmers in Canada have their eyes upon the goal of a new equality and security for agriculture, and as world citizens, on making their contribution to the formulating and implementing of a new economic charter for the world."

Reviewing the present position of agriculture in Canada, Mr. Hannam declared that the past year, by and large, in spite of handicaps and restrictions and difficulties in a few regions, had been a fairly satisfactory one for agriculture. Once more the farmers of Canada, with less than 65 per cent of their pre-war labour, and with other handicaps, had achieved a record in food production for the nation.

### Modest Returns

But there were wrong and exaggerated notions gaining ground, said Mr. Hannam, concerning the high economic position of the farming industry as a result of so-called wartime prosperity. Using figures compiled by the Dominion Bureau of Statistics, with unofficial estimates for 1944, he pointed out that, while the total national income of Canada during the five war years, 1940-44, had increased 68 per cent from the average for the 1926-29 period, a period often used as a fair comparative one, the value of agricultural production had risen only 13½ per cent in the same period. He felt from this that the returns received by farmers for their war-time job of food production had been modest indeed.

The Federation approved the draft of a new Natural Products Marketing Act which it will suggest to the Dominion Government for passage.

The proposed Act would establish a Dominion marketing board and local boards with authority to administer local marketing schemes. "Marketing" would cover inter-provincial trade with Canada or export trade, the buying and selling of any natural product in any manner and the transportation of such products.

H. H. Hannam, of Ottawa, was re-elected president for his fourth term. W. J. Parker, of Winnipeg, was re-elected vice-president; J. A. Marion, of Montreal, second vice-president; G. G. Coote, of Macleod, Alta., honorary secretary, and Colin Groff, of Ottawa, secretary-treasurer.

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**MASSEY-HARRIS EQUIPMENT**

The real reason why Canadian farmers can produce at low cost is because they know how to use machinery. Machines mean more production per man. They do most farm work cheaper than men.

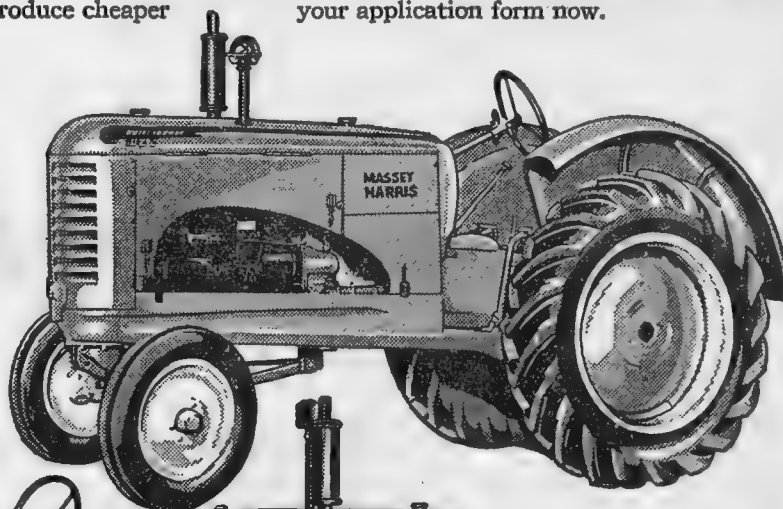
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and thereby leave more margin for profit.

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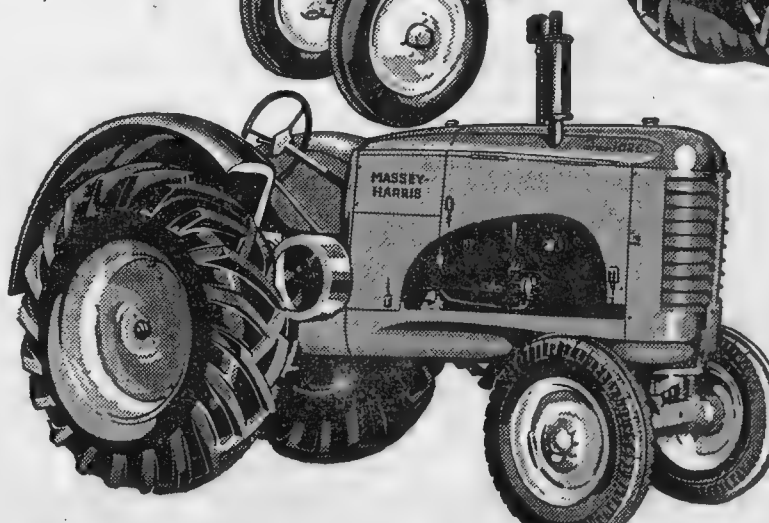
### MASSEY-HARRIS 102G JUNIOR TRACTOR

The big value tractor in the two-plow class. Rugged and sturdy, economical on fuel, oil, and up-keep. Heavy Duty Industrial 4 cylinder engine.



### MASSEY-HARRIS 102G SENIOR TRACTOR

For medium and large size farms, the MASSEY-HARRIS 102G Tractor with 6-cylinder motor provides economical power for field and belt work. Heavy duty transmission and sturdy differential are built to give long service with low upkeep cost.



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## Some Facts from the 58th ANNUAL REPORT

313,221 MANUFACTURERS LIFE POLICIES, including 28,409 new policies added during the year, are providing security for people in all walks of life. These policies are for an average amount of \$2,523 each, giving total protection of \$790,161,509.

EACH OF THESE POLICIES has a share in a fund of \$264,909,571—the assets under administration to guarantee their fulfilment.

FOR THOUSANDS OF BENEFICIARIES and policyholders, Manufacturers Life cheques lifted pressing financial burdens during 1944. Every working day \$48,816 was disbursed by the Company for a total of \$14,889,029. Beneficiaries of deceased policyowners received \$5,497,656 and living policyowners, \$9,391,373.

SINCE INCORPORATION IN 1887 the Manufacturers Life has paid a total of \$303,689,216 to its policyowners and their beneficiaries.

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INSURANCE COMPANY

Head Office: Toronto, Canada

## Increased Subsidies Urged by Dairymen

THE dairy farmers of Canada in an annual meeting at Regina asked that the federal butter-fat subsidy and the price paid for cheese be increased in 1945 so that domestic and export demands would be met.

Recommendations were:

1. That the cheese price in 1945 be 25 cents a pound, f.o.b. factory shipping point, plus premiums now being paid for quality. The basic price is now 20 cents a pound, f.o.b. shipping point.

2. That the present butterfat subsidy of 10 cents a pound paid to encourage butter production be increased to 12 cents a pound at May 1 and continue to October 1, when it would be increased to 15 cents until April 30, 1946, thus encouraging production in the winter months.

3. That the subsidy of 55 cents for 100 pounds on fluid milk be continued throughout the year. The present subsidy drops to 35 cents from May 1 to Sept. 30.

4. That the subsidy of 30 cents for 100 pounds on evaporated milk be made effective throughout the year. The subsidy drops to 15 cents from May 1 to Sept. 30.

5. That the present two-cent consumer subsidy on milk be continued as a permanent policy in the interests of national health.

6. That the need of securing experienced labour for dairy farms continue to be stressed.

The organization said it viewed with concern the ability of the dairy industry as a whole to maintain present levels of production or to meet commitments and requirements of the coming year under wartime conditions especially in view of the "very definite downward trend in production in certain branches of the industry."

President R. J. Scott, of Toronto, recommended that floor prices applied to dairy products under federal legislation should be made to cover a six-year period. It would be disadvantageous for the dairy industry to have prices established on an annual basis because of the time required to develop a dairy herd.

## Saskatchewan Butter Output Sets Record

THE output of creamery butter in Saskatchewan for 1944 amounted to 48,230,903 pounds, an increase of 509,753 pounds or 1.1 per cent over the previous record output established in 1943. The make for the month of December totalled 1,956,782 pounds, a decrease of 333,002 pounds or 14.5 per cent from the December, 1943, output, and this decrease was shared by all sections of the province.

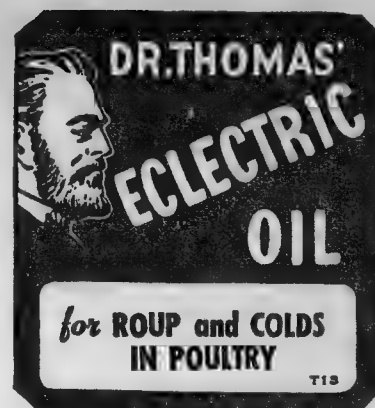
## Cows Need Roughage

RECENT scientific tests have brought out new evidence as to why cattle become unthrifty on finely-ground feed, and why they need continuous amounts of real roughage. These tests indicate that the coarseness in the roughage stimulates the nerve ending of the cow's rumen. Lack of this coarseness causes suspension of normal rumination in the cow's digestive processes. As a result, cows go off feed when they are not given adequate roughage, and even resort to chewing wood, apparently in their craving for the type of materials which nature intended them to have.

## MILK FOR BRITAIN

HON. Robert S. Hudson, British Minister of Agriculture, speaking recently in Ontario, said post-war markets for cheese and butter in Great Britain will be much greater than before the war.

Wartime experience of the value of whole milk has resulted in demand which it is estimated will not be met until 1949. He said rationing of whole milk would be necessary until that time.



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## OAT HULLER

Feed

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Make your own pig starter and poultry feeds.

Avoid weaning deaths and stunted pigs.

Ask your Veterinarian. Write for literature and sample.

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## PROMINENT FARMER ELECTED DIRECTOR BANK OF TORONTO



JOHN J. E. McCAGUE has been elected a Director of The Bank of Toronto. He will bring a wealth of practical farming knowledge and a sympathetic understanding of the farmer's problems that will be invaluable to his associates on the Bank's directorate. Mr. McCague is president of the Holstein-Friesian Association of Canada, vice-chairman of the Canadian National Live Stock Records Committee, and vice-president of the Dairy Farmers of Canada. In 1921, after receiving a Bachelor of Science degree in Agriculture from Ontario Agricultural College, he was appointed representative by the Ontario Department of Agriculture for South Simcoe and opened offices at Alliston, Ont. He later represented the Department in Carleton County. In 1928 he took over management of T.P. Loblaw's noted Stevenson Farms at Alliston and, following Mr. Loblaw's death in 1933, purchased part of Stevenson Farms and established his own Glenafon Farm where he has developed an outstanding pure bred Holstein herd. Mr. McCague is past president of the Canadian Swine Breeders' Association and the Canadian Fox Breeders' Association.



# Farm and Ranch Housewife

DEVOTED TO THE INTERESTS OF THE RURAL WOMEN OF WESTERN CANADA

## Living in Remote Places

By HENRIETTA K. BUTLER

IT is not given to all to have the experience of living in some of the many isolated places of our wide Dominion, and only those who have had that experience know of the pangs of readjustment. I feel sure that nearly all who have spent most of their lives among people must suffer to some extent from loneliness. It takes a little while to settle oneself down, especially if you like lots of people. After years of dwelling in such quiet spots as are scattered about in our northern prairies, on islands on the coast or in rivers, and again in the far north in trading posts, in Indian schools, and on farms in the great Peace River District, there comes a period to many, I believe, when you do not feel lonely at all. At least, that is my experience and observation.

I loved the peace and quietude. Plenty of time to study new bird, animal and flower life; and more than all time to read thoroughly one's books and magazines. That's all right too, as long as mails arrive with some regularity, but there are those who only receive mail every few weeks or even months in winter. Of course, down north supplies and mail sometimes only reach such places once a year. Probably, it may be different now with air mail service. Let us send our kindly thoughts to these people over the air-waves. The radio means so much to the isolated ones. They tune in to the city news broadcasts, music and drama. I should like to think, particularly, of the teachers, nurses and missionaries in remote places. They are brave workers, suffering great hardships, denying themselves many comforts and a

variety of food such as we eat, all for the love of their work and the knowledge that they are doing a service to mankind, regardless of colour or race.

I do believe that the work among the Indians and Eskimos is a most worthwhile job and they do appreciate what is being done for them, but our thoughts and assistance are greatly needed for those who care for them. Let us never fail when we are called to help fill a parcel or bale being sent to these Mission schools. Toys and pretty things as well as clothing for the children and something useful or decorative for the teachers. The latter's job is a monotonous one and worthy of some kind recognition.

Recently, an organization I know, sent bundles of magazines in good repair, to some schools in the Peace River District. It seemed such a splendid gesture, and I could well imagine what joy those books would give the children, teachers and parents, and how they would pass them around the school and then the neighborhood to be read from cover to cover.

I was pleased to note, lately, at a conference of Missionary women, that although the war had brought increased demands on church workers, they were not failing one iota in their work among Missions. Whilst the foreign Mission field is indeed important, I do feel that our own Canadian people in far off places must not be neglected. Boys and girls can all do their share in collecting and making up parcels. The story goes of a missionary's wife who kept one pretty dress by, when distributing one of these bales. Several little brides who came from the surrounding districts to be married were allowed to wear the charming gown for the occasion. This was during the prewar depression. I am sure the lady who tucked the dainty piece of loveliness into the parcel would have felt amply repaid had she known.

For many people, there is no doubt, it is a good thing to have lived alone or in semi-isolation a while.

...

TO remove dents in wood, fold several thicknesses of blotting paper together, soak in water, and let the excess moisture drip off. Lay over the dent and apply a hot iron. This will draw up the wood and can be repeated if necessary.

...

Ripe tomatoes will aid in removing ink from white cloth.

...

### A Prayer for Strength

"The Lord will give strength unto His people; the Lord will bless His people with peace."—Psalm 29:11.

Not in our strength, dear Lord, we know,

The battle must be won  
In conflict with a deadly foe  
By whom such harm is done;

But in the cause of truth and right,  
Thy blessing we may claim,  
And put the enemy to flight  
Who honors not Thy name.

Defend, O God, with Thine own power,  
The peoples who serve Thee,  
And show them at this fateful hour  
The way to victory.

Watch o'er our loved ones far away,  
Protect them from the storm;  
Be near the fatherless, we pray,  
And comfort those who mourn.

Dispel the gloom, the doubt, the fear,  
With rays of hope divine,  
And for the strength to persevere  
All glory shall be Thine.

—ALBERT E. ELLIOTT.

## Lacy and Feminine

541



by Laura Wheeler

A completely feminine bit of froth, to bring you compliments from your "one and only." Apron crocheted in easy pattern stitch.

"Party" apron for you to make in easy crochet; very inexpensive. Pattern 541 contains directions for apron; stitches.

Send TWENTY CENTS in coins (stamps cannot be accepted) for this pattern to FARM AND RANCH REVIEW, Needlecraft Department, Calgary, Alberta. Print plainly PATTERN NUMBER, your NAME and ADDRESS.

The flavour  
is delicious



# "SALADA" TEA



## SMOKE MEATS THIS BETTER WAY

Meats, smoked with STANDARD LIQUID SMOKE, taste better. They are more appetizing and tender, and keep longer. STANDARD LIQUID SMOKE is genuine wood-smoke in liquid form. Economical, quick, and easy to use. Just brush on your brine-cured meat. Buy a bottle at your dealer's and enjoy a more delicious smoke flavor than you have ever known before.

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THAN ANY OTHER CLEANSER

One Can of New Improved  
**OLD DUTCH CLEANSER**  
CLEANS 97 MORE WASHBOWLS\*  
and does it  
**SAFELY AND QUICKLY**



DISSOLVES GREASE—ERASES DIRT  
by amazing two-way action

\*Independent laboratory tests prove Old Dutch actually cleaned 97 more washbowls per can than any other leading cleanser tested! Why? Because it contains a special grease dissolver that cuts grease fast and Seismotite that erases dirt easily—quickly—without scratching! Get Old Dutch today!

Made in Canada 114



## Getting Up Nights Makes Many Feel Old Before Their Time

Do you feel older than you are or suffer from Getting Up Nights, Backache, Nervousness, Leg Pains, Rheumatic Pains, Burning, scanty or frequent passages? If so, remember that your Kidneys are vital to your health and that these symptoms may be due to Kidney and Bladder troubles—in such cases Cystex usually gives prompt and joyous relief by helping the Kidneys clean out poisonous excess acids and wastes. You have everything to gain and nothing to lose in trying Cystex. The iron clad money-back agreement assures a refund of your money on return of empty package unless fully satisfied. Don't delay. Get Cystex (Siss-tex) from your druggist today.

**Cystex**  
Helps Flush Kidneys



## For Quick Cough Relief, Mix This Syrup, at Home

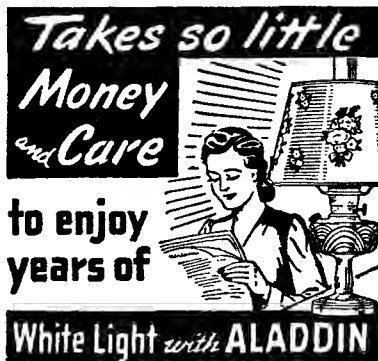
No Cooking! No Work! Real Saving!

You'll be surprised how quickly a bad winter cough can be relieved, when you try this well known recipe. It is universally used throughout Canada because it gives such gratifying results. It's no trouble at all to mix, and costs but a trifle.

Into a 16 ounce bottle, pour 2½ ounces of Pinex; then add granulated sugar syrup to make 16 ounces. Syrup is easily made with 2 cups of sugar and 1 cup of water, stirred a few moments until dissolved. No cooking needed. Or you can use corn syrup or liquid honey, instead of sugar syrup. This gives you four times as much cough medicine for your money. It never spoils and tastes fine.

Quickly you feel its penetrating effect. It loosens the phlegm, helps to clear the air passages, and soothes the irritated membranes. This three-fold action explains why it brings such quick relief in distressing coughs.

Pinex is a special compound of proven ingredients, in concentrated form, well known for its soothing effect on throat membranes. Money refunded if it does not please you in every way.



SIGHT is almost as precious as life itself. Folks who cling to dim, yellow light, run the risk of injuring children's vision for life—and hampering their own eyesight. ALADDIN protects eyes and saves money. Burns 6% oil, and 94% air. Gives as much as 50 hours of beautiful light to a gallon of kerosene (coal oil). That's about two pennies for a whole evening's fuel. Simple and safe. No pumping, odor, noise or smoke.

## See Your Aladdin Dealer

If you're without modern lighting, get an ALADDIN for every room where more light is needed for study, work, reading, and enjoy abundant white light unsurpassed by electricity for steadiness and whiteness. Colorful, long-life Whip-o-Lite shades available too.

You'll be amazed at the low price and how little money and care it takes to keep the ALADDIN at top efficiency for years and years.

MANTLE LAMP COMPANY  
405 Logan Ave., Toronto 8, Ont.

**Aladdin**  
...Mantle Lamp...



### First Prize

#### SOMETHING FOR NOTHING

DURING spring, summer and fall, what with gardening, chickens, canning and threshers, the farm wife has very little spare time to devote to improving the home furnishings. Things that are neither useful or beautiful have no place in the home; they create extra work without serving any purpose. Winter is the logical time to take stock of our home furnishings, and anything that is neither useful or beautiful should either be made over, given to someone who has use for such things or else consigned to the garbage heap. Cluttered homes are neither attractive or restful, and require a great deal of unnecessary work.

Worn out, heavy, white, honeycomb bedspreads can be made into attractive bath mats. Decide on the size and shape of the mat you wish to make, oval mats are most satisfactory for the bathroom, and from the best portions of the spread, cut the mat double thickness. Draw a flower design of roses or morning glories for the centre of mat, and cut the design from cotton broadcloth or print pieces. Turn the edges of leaves and flowers, baste into place, using one thickness of the mat, then stitch firmly all around the edges of flowers and leaves with the sewing machine. Baste the two thicknesses of the mat together and stitch across with sewing machine to represent quilting, three times across one way and three times across the opposite direction, the quilting spaced about three inches apart. Using material to match flowers or leaves, or a checked gingham, cut a rather generous binding for the edge (on the bias), bind all around as you would a quilt and your mat is complete. From parts of the spread left over, make wash cloths, buttonhole in around with coloured thread. Make some larger ones for the man of the house.

If you have worn-out white flannel-ette sheets, and you have already torn them down the middle and set the edges together, and they still wear out, try making them into pillowslips. They will be very easily washed, and even during the summer you will feel more comfortable knowing you have these extra pillowslips to fall back on when needed. I had some rose broadcloth which I made into every-day pillow slips which save a lot of washing, can be dried inside in bad weather and will help to make my pillow slips last until better material is on the market.

From the better parts of men's worn-out wool garments or children's wool coats, you can make attractive and useful afghans. Rip, wash and press the material, and from the best

pieces cut blocks the size you wish, five inches square, or four by six inches. Perhaps you have a sweater which you can rip up to procure yarn. If so, wash the yarn after ripping and crochet or buttonhole around each block. Either sew the blocks together with the yarn or crochet together, the number of blocks depending on the size you wish to make the afghan. This makes an afghan for a covering for the couch or chesterfield, or an extra covering for the bed on winter nights.

Table oilcloth is hard to get now, and if yours is worn out and you have some enamel paint in an attractive colour, try painting the oilcloth. Stretch your oilcloth and tack the corners firmly, wash well with soap and water and give one coat of paint. When this is thoroughly dry, give it another coat and do not use until perfectly dry. It will quite brighten up your kitchen.

Get out those extra cans of paint and see what you can do with them. If the paint has got a bit thick, stir well and set for a time in a pan of boiling water, coming well up on the can. When it is warm it will be thinner and cover the surface smoothly.—"Ann Lou," Red Deer.

### Second Prize

#### HOMEMADE GIFTS

IS it too early to commence thinking about presents or articles for sale prepared by yourself for next Christmas? Personally, I don't think it is, for there are many stormy winter days ahead, when little can be done outside but the regular chores, so now is a good time to start looking ahead.

I want to tell you of some of the things I saw for sale at a public market before Christmas, I thought it was remarkable what women and girls, men, too, of course, had accomplished in their spare time.

The shortage of suitable gifts in stores made people turn more to home-craft sales, where real useful wares could be found. For instance, in the decoration line, there were many bright ideas, such as pine cones tinted or painted with aluminum colour and tied up with red ribbon. There were Yule logs cut from birch, with the silvery bark still on, perhaps two inches or a little more in diameter, and in lengths of eighteen inches or longer. Two or three holes were bored in one side and in these stood large red candles. In between the candles again were tinted or silvered pine cones. These logs were really festive and fit to adorn any hall or dinner table. Homemade holly wreaths and boxes of holly didn't go begging long. Holly is nearly always an acceptable gift. I saw large bunches of silvery honesty or money plant and some of the pods had been tinted in pinks, reds

(Continued on page 26)

### DISHPAN PHILOSOPHER

WELL now that February's here we feel that Spring is drawing near. As seasons come and seasons go to folks like us it seems as though there's never time enough to do one-half the things we have in view. Now as the sun takes on new strength and days are adding to their length our thoughts are turned to plants and seeds and all a hungry world's needs. Work, work and more work lies ahead if everybody's to be fed. Both in the house and out there stands a job for every pair of hands. Whatever ills fall to our lot no unemployment gives us thought.

But leisure, howsoever spent, could bring these days but small content. And we, despite what sages say about all work without some play, as long as gloomy war-clouds lurk will do our whistling while we work.

## WOMEN GIRLS!

Thousands Report  
Grand Relief With

## ORANGE LILY SUPPOSITORIES

Used for 45 years. Safe, antiseptic and cleansing. A local application to relieve inflammation and congestion.

Send 10c for 10 days' trial and descriptive literature.

MRS. LYDIA W. LADD  
Box 191, Windsor, Ont., Dept. 4B

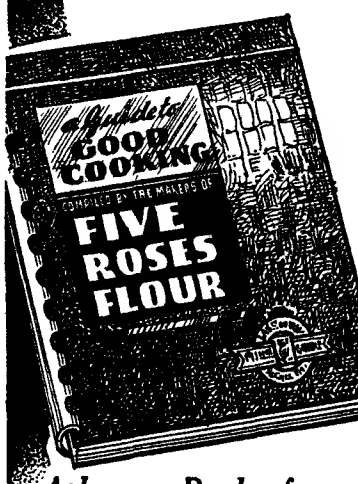
## GROUND CHERRY

The Ground Cherry grows from seed the first year. Golden yellow fruits, size of cherries, unexcelled for pies and preserves, also pleasant to eat from the hand as you do strawberries. When dried in sugar they equal raisins for cakes and puddings. Very prolific. Will keep late in winter if stored in a cool place. Order now. (Pkt 15¢) (2 pkts 25¢) postpaid.

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**FIVE ROSES FLOUR**

MAIL THIS COUPON TO-DAY

Lake of the Woods Milling  
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I enclose 40c (money order)  
for which please send me FIVE  
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# NEW FASTER ACTING ROYAL DRY YEAST



Quick :: convenient! New Royal Fast Rising Dry Yeast starts working in 10 minutes!

## NEW GRANULE FORM SAVES TIME! SAVES WORK! SCORES NEW BAKING SUCCESS!

**N**EW... quick... cuts baking time "in half"! Royal Fast Rising Dry Yeast does away with old-fashioned, "slow-poke" baking... turns out feather-light, fine textured bread in only a few hours!

No more fussing with "setting bread" the night before when you're all tired out... no risk of overnight baking failure because of temperature changes. The new Fast Rising Royal lets

you do your whole baking in just a few hours in the daytime when you can *watch* the dough.

And you can always depend on Royal Fast Rising Dry Yeast to keep its ferment qualities. It stays full-strength, ready for use on your pantry shelf for weeks. When you're ready to use it, simply dissolve new Royal Fast Rising Dry Yeast, and 1 teaspoon of sugar, in water.



Made in Canada



## Interesting Craftwork Made from Nature's Fields and Forests

By ANN BARRETT

INSPIRATION for creating and making things comes from many sources, and to those who are fortunate in living in the country there is a potential list of surprises awaiting us in our own fields and near-by forests.

Nature's generosity has supplied us with logs and branches that skillful fingers can turn into many useful crafts for the home. For if you are fond of taking jaunts all around the countryside and are a wizard in planning and collecting the good things of the earth, you will be able to sit down at your table at home, loaded with possibilities and show how artistic you really can be in the midst of country things.

For instance, out of an old birch log a prospective window box can be made, that will give a soft touch of nature to both window and room. First, find a fallen birch limb, preferably one that is somewhat decayed, 5" to 7" in diameter. If there is any fungus, lichen or moss growth on the limb, this need not be taken off, for it will give rustic charm to the window box, provided it clings well to the limb. The box may be made anywhere from 8 inches to 24 inches in length.

Place the limb on a level surface to determine in what position it rests without rocking, and nail cross-pieces on the bottom to support the box. While in this position, with a knife, outline on its top the rectangular section that you are going to hollow out for the box. At the ends, leave substantial sections that will not be hollowed out.

To do this cutting, use a sharp knife or a chisel and hammer. If the wood is not decayed enough, the chisel will be very helpful. Around its sides and bottom, leave enough of the wood to form a firm and substantial wall and floor, and in gouging out the inner wood, be cautious to avoid marring the exterior surface of the log.

When it is all hollowed out, you are ready to fill it with rich, black soil, in which you may plant the flowers you favor for the window. Woodsy flowers would be in keeping with the box, such as ferns, seed and bulb flowers, black elder and box berry roots may be planted, and it is best when starting them to keep them in the cool shade of the out-doors, later transferring the box to a window ledge of the house, or to the porch.

### Candle Holder

Decorative to a mantle or to the dinner table, are candle holders made of branches of smooth bark. You will need a branch that is at least two inches in diameter, and ten or twelve inches in length are convenient sizes to handle. You may fashion the holder to accommodate two, three or four candles, and that will determine the number of holes to be bored. These holes must be of sufficient size, deep enough to support the candle, about one inch depth will support the average candle.

The ends may be smoothed with sandpaper, or left rough if so desired, and they may be painted or left in the natural raw. To keep the holder from rolling, two flat strips of wood about 4 inches long and 2 inches wide, and a half to one inch in thickness may be nailed to the bottom.

With smaller dimensions, charming individual candle holders may be made, which can be combined in a set with a table centre piece.

Another novel piece that is interesting to make is a birch log center piece to hold fruit or flowers. This takes a log about 7 inches in diameter, and about 12 inches in length. The side on which this length rests best will be used as the bottom, and to it, near the ends, nail two 4-inch lengths of 2-inch limb of birch that has been split lengthwise. The flat surfaces must be smoothed for resting on the table.

On the top surface outline with a knife, the rectangular section that you will cut out to make the bowl part of the dish. At each end leave 2 inches

that will not be cut. Hollow out with a sharp knife and chisel and hammer.

When finished the entire bowl may be shellaced or left in its natural state. When fruit is placed in it, put wax paper in the bowl; this prevents staining the wood. A glass or small vase may be placed in the bowl to hold a centre piece of flowers.

Napkin rings made either out of smooth or rough bark make attractive gifts for each member of the family, and can be made from cedar, pine, ash or poplar. The branch should be at least two inches in diameter, and the piece may be cut as long as you wish, although one- to two-inch length will be found quite appropriate.

A brace and boring tool will be necessary to use to bore a hole through the branch lengthwise . . . that is, not through the bark, but from one end to the other end. If you wish the hole to be larger, you may use a knife to gouge out the remainder of the proposed hole.

The portions that have been sawed may be smoothed with sandpaper, and to preserve the piece in good condition, it is advisable to give it one coat of shellac. A decorative appearance may be added by tying a brilliant colored ribbon around it fashioned by a pretty bow.

YOU can't afford ill health. Short-ages of nurses and doctors make it imperative to protect yourself. Dress warmly, keep feet dry, eat properly, get enough sleep and plenty of rest.

### Matches Must Not Be Mailed Overseas

IT is strange that with all the warnings which have been issued and despite a number of actually disastrous fires, some people persist in putting matches and lighter fluid in overseas packages. But according to a letter from the postmaster-general, it is still being done.

It stands to reason that when a ship is tossing in a rough sea, with tens of thousands of parcels in mail bags pressing against each other in the hold, even the most carefully packed matches and lighter fluid create a tremendous hazard.

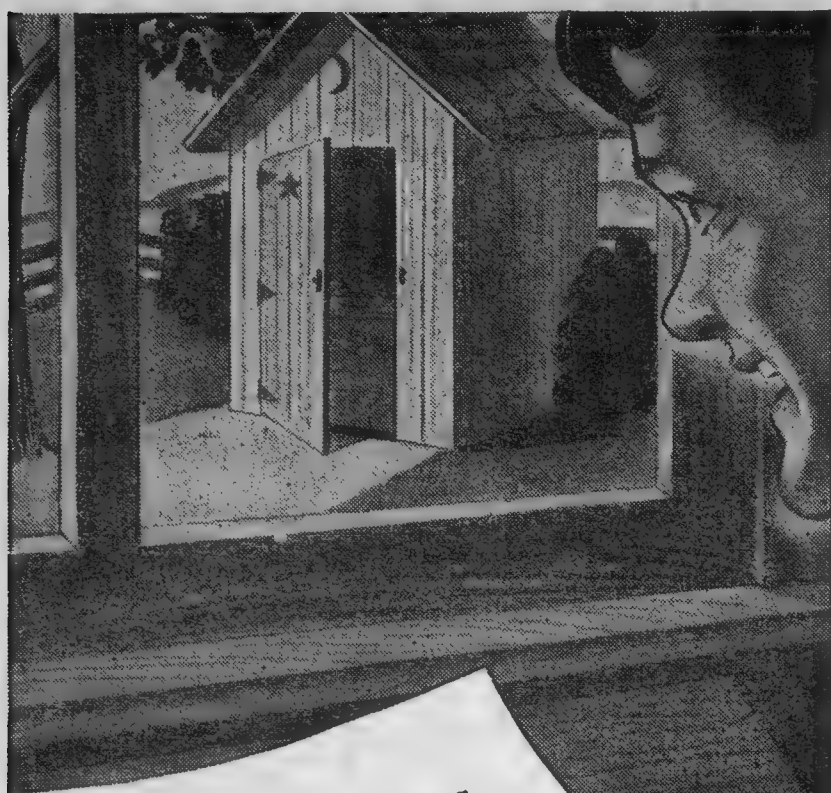
Continues Mr. Mulock: "If one parcel catches fire, every mail bag in the hold may be destroyed or damaged. In any case those around that particular parcel are destroyed and those near it are burned. In many cases if they have to turn the hose into the hold to put out the fire, this means that thousands of other parcels are damaged by water, and they have to be opened and re-packed."

Many things in these parcels are damaged or destroyed, not only through fire, but through the water it is necessary to use to put out the fire. It not only means the loss of articles in the parcels being forwarded. In fighting the fire, the lives of our men in the Merchant Marine may be endangered."

In order to draw greater attention to this hazard, the post office is about to undertake a special advertising campaign. This should not, of course, be necessary. You would think that plain, common sense would prevent people from breaking the regulations in this dangerous way. Lacking that, a sense of fair play to others should make people desist.

A simple rule which might help to meet the menace would be to require everyone sending a parcel to write across it the words: "Nothing inflammable" . . . and sign the declaration.

As casualties increase it becomes increasingly important to aid postal authorities in getting quick delivery of packages addressed to men in hospitals. The rule in this connection is to print the words "IN HOSPITAL" in large letters and preferably in red ink along with the usual complete address



Dear Ma.  
This is certainly a swell farm I like it. Everything is swell why the outhouse is clean as our bath room. That's because they use Gillett's Lye in it.

MADE IN CANADA

### Easy to Keep Outhouses Clean and Odorless with GILLETT'S LYE

● Keep your outhouse as clean and odorless as an indoor bathroom! It's easy, when you let Gillett's Lye solve this farm problem.

Just pour Gillett's, full-strength, down your outside closet. The contents disappear! It's left clean, odor-free . . . and half a tin of Gillett's poured down it once a week will keep it so!

Gillett's is a wizard at dozens of other jobs too. Cuts right through grease and dirt—saves hard rubbing and scrubbing.

Take it easier! Keep Gillett's handy all the time to banish dirt and odors. Get a tin today.

*Never dissolve lye in hot water. The action of the lye itself heats the water.*



### FREE BOOKLET:

Will help you dozens of ways. Shows how Gillett's works for you: keeps outhouses clean, clears drains, and dairy equipment, makes messy household jobs easier. Send today to: Standard Brands Ltd., Fraser Ave. and Liberty St., Toronto, Ont., for your copy—it's free.



**DEAR COUSIN JANEY,** — Even though we have had a big dinner at noon, we seem, these wintry days, to enjoy something hot for supper. Maybe we have finished the "joint" at noon, so we'll fall back upon a tin of canned salmon for supper, and make some hot fish cakes. The salmon is to be mixed with mashed potatoes, but we like to use the hot, freshly-boiled potatoes instead of using the left-overs from dinner. Mash them while hot, beating until light with pepper and salt, and a little chopped parsley, if desired. We also like a few gratings of lemon rind and a small lump of butter. Two cups of mashed potatoes will be sufficient for a half pound tin of salmon. Mix all together and shape into cakes. Dip these into flour and saute in hot bacon fat. Serve on a platter, garnished with curls of fried bacon.

When the noon meal has been light, a good supper dish is scalloped chicken with vegetables. Left-over chicken, freshly cooked or canned chicken may be used. Dice it finely, measure three cups full, and mix thoroughly with the following ingredients: one and a half cups each of soft bread crumbs and fresh cooked or canned peas, one cup of milk, two tablespoons of minced onion, one teaspoon of prepared mustard, one teaspoon of salt, two tablespoons of tomato catsup and two well-beaten eggs. Turn into a greased oven dish and bake in a moderate oven for three-quarters of an hour.

For a Sunday night supper, have you ever tried toasted cheese sandwiches? For a dozen sandwiches cover the surface of six buttered slices of bread with very thinly sliced cheese, or with spreading cheese. Spread with prepared mustard, or dust with a little dry mustard, or, if desired, sprinkle with a little catsup or mushroom sauce. Cover with the remaining six slices of bread and toast until a nice brown.

Another nice filling for these sandwiches is made as follows: put a quarter of a pound each of desired beef and cheese through the food chopper; mix with half a cup of tomato sauce or canned tomato, and cook in a double boiler until well heated. Add one well-beaten egg, and cool. Spread be-

### Parcels for War Prisoners

BY arrangement with the British Red Cross Society, the Canadian Red Cross Society supplies two-thirds of all the food parcels sent to Allied prisoners of war, except those from the United States. Clothing and medical supplies to Canadian, British and other Allied prisoners are supplied by the British Red Cross. Much of the food in the parcels originates on Canadian farms.

A total of 190,000 parcels are sent from Canada to prisoners of war every week. This year the cost will be, it is estimated, \$24,700,000, of which the Canadian Red Cross will pay \$5,500,000. The 190,000 parcels go to 80,000 British and Canadian prisoners of war in Europe, 80,000 for other Allied prisoners in Europe, 30,000 for British prisoners and civilians in the Far East.

The parcels are not sent individually to prisoners, but are distributed by the International Committee in Geneva, Switzerland. The food in the parcels is intended to supplement the meagre prisoners' diet. Each parcel weighs 11 pounds and contains:—

- 16 ozs. whole milk powder
- 16 ozs. butter
- 4 ozs. cheese
- 16 ozs. jam or marmalade
- 10 ozs. pork luncheon meat
- 8 ozs. salmon
- 4 ozs. sardines or kippers
- 8 ozs. raisins
- 8 ozs. dried prunes
- 8 ozs. sugar
- 12 ozs. corned beef or other meat
- 16 ozs. pilot biscuits
- 1 oz. salt and pepper
- 4 ozs. tea
- 2 ozs. soap
- 8 ozs. eating chocolate

In the first ten months of 1944 the Canadian Red Cross had sent 13,797,974 parcels.

## HOME-MAKING BY BETTY BROWN HOMEKEEPING

tween slices of bread, and toast as above.

Here is an acceptable supper dish which can be made from two cups of boiled or baked ground ham. Allow one egg for each person; 4 to 6 eggs will take care of the two cups of ham. Soak one cup of soft bread crumbs in a little milk, and squeeze dry. Mix all together. Grease custard cups. Divide the mixture evenly around the sides, leaving a depression in the centre. Break an egg and deposit it into each of these cavities, and sprinkle with salt. Pour a tablespoonful of cream over each egg, and bake in a slow oven until the eggs are set. These are better served in the custard cups instead of trying to unmould them.

Did you ever make a liver pie? (Don't forget that liver is good for anaemia.) Put three or four teaspoons of bacon fat into a frying pan. Add a pound of liver and an onion, both minced finely. Cook for a few minutes, then add half a cup of bread crumbs and a cup of gravy or cream. Add a beaten egg and place in a bake dish. Cover with a top of two cups of mashed potato. Bake until the liver is cooked, and the top a golden brown.

If you have any left-over meat, why not use it to make hash omelet? Combine minced, leftover meat with an equal quantity of mashed potatoes. Add salt and pepper and half a grated onion. To every two cups of this mixture add one beaten egg, and beat all until light. Grease a frying pan, and,

when hot, scrape in the hash. When cooked, fold as an omelet and serve either plain, or with stewed tomatoes poured around it.

For a change, try this way of cooking eggs: Scald two cups of milk with a grated onion. Melt 2 tablespoons of butter; add 2 tablespoons of flour. Blend well, and add the milk and a little salt. Stir until cooked. Mix one cup of bread crumbs and one-half cup grated cheese. Pour half the sauce onto a small platter, cover with half the cheese and crumb mixture. Break half a dozen eggs and arrange on the crumbs. Cover with the remaining sauce and crumbs, and bake until the eggs are cooked.—Hope you have success with these supper dishes.

—BETTY.

### Facts About Frying

FRIED foods, if badly done, can be very greasy, indigestible and altogether unpleasant, but when properly fried, food is crisp, light and easily digested.

Nothing can be fried in a few minutes. The food needs careful preparation and the fat must be at the right boiling temperature before the food is put in. The food to be fried must be thoroughly dried, and either floured, brushed with beaten egg and crumbed, or dipped in batter.

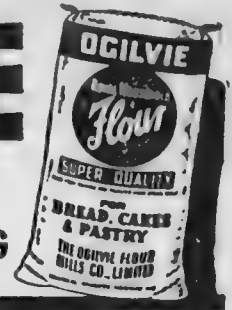
The fat must be boiling, quite still, having ceased to bubble, and sending up a thin blue smoke from its even surface.

If a deep pan and frying basket are employed, the same fat may be used time after time, so it is not extravagant to have plenty of fat. When once used for frying fish, fat should be kept for fish again.

FOR *Extra* BAKING VALUE

# OGILVIE FLOUR

GIVES *More Loaves* TO THE BAG



x44-3

# Mothers!

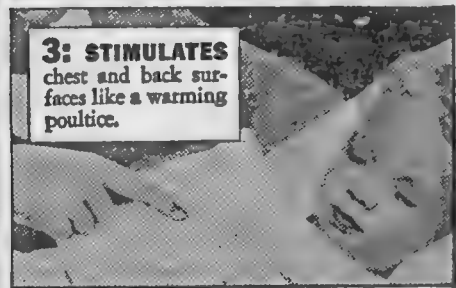
## Be Modern when you relieve miseries of Bronchitis Colds



**1: NO RISK** of upset stomach from dosing. You just rub it on when needed.



**2: PENETRATES** to upper bronchial tubes with soothing, medicinal vapors.



**3: STIMULATES** chest and back surfaces like a warming poultice.

**Works While Your Child Sleeps . . . Promptly Helps Relieve Coughing Spasms, Muscular Soreness or Tightness, Congestion and Irritation in the Bronchial Tubes**

Used by most modern mothers—Vicks VapoRub is the time-tested home remedy for relieving miseries of children's colds.

And here's the reason . . . The very moment you rub soothing, vaporizing VapoRub on the throat, chest and back at bedtime, its *penetrating-stimulating* action (explained above) starts right in to work—and keeps on working

for hours—to bring grand relief. It invites restful sleep. And often by morning most of the misery of the cold is gone.

Now, mother, when your child catches a cold, do what so many millions of experienced mothers do—call on dependable Vicks VapoRub for help.

# VICKS VAPORUB



## ASTHMA SUFFERING STOPPED QUICKLY

Mr. G. C. Beazley, Truro, N.S., was asthmatic, would cough and choke for hours every night, couldn't sleep. Tried many medicines but was not helped. Mendaco quickly stopped his attacks and he now feels better than for years. To prove that Mendaco may do the same for you, we make this liberal trial offer; Get Mendaco from your druggist today! Unless it loosens and removes thick, strangling mucus, brings free breathing, restful sleep and frees you from the suffering of Asthma attacks, return the empty package and get all your money back. You have everything to gain and nothing to lose. So don't suffer another day without asking your druggist for Mendaco.

Window Glass, Any Size or Quantity  
**THE BENNETT GLASS CO. LTD.**  
 M 1778 228 - 7th Ave. East, Calgary



**SNEEZING?  
 CHECK THAT  
 COLD!**

Get effective, fast relief with Grove's Cold Tablets. They contain EIGHT ACTIVE, cold-relieving ingredients carefully blended for an effective multiple medicine—an internal treatment that goes right to work on the trouble. These eight active agents check a cold quickly and decisively because they work in these FOUR IMPORTANT WAYS: 1. Act as a gentle laxative. 2. Combat cold germs in your system. 3. Relieve headache and grippy feeling. 4. Help tone up the system. This four-way relief checks a cold almost immediately. Get Grove's Cold Tablets today. The genuine comes in a white box.

For extra economy  
 get large size



**GROVE'S**

**COLD TABLETS**

## Country Diary

NOW the daylight is appreciably longer, and the reddening of the willows in the swamp south of the barn shows the sap is stirring. Pigments are pale on February's palette, and so in my mind I make much of this faint en-carmined blush of color on the snowy roadsides, and in the ditches where the young growth escaped the maintainer in last summer's brush clearance. I do not look or wish for an early thaw—far better for a good thick blanket of snow to keep the fields snug until the middle of March, and then gradually melt like a cool benediction, soaking fields that know the torture of drying winds and burning sun.

The old saw says, "When the days begin to lengthen, Then the cold begins to strengthen." I have a neighbor who talks about "right tight cold days" when February skies dawn clear and crisply cold. Then the nightly pageant of the heavens appears in all its splendor. Above is order, peace, tranquility, factors to be found nowhere on the earth-world today. Principalities and powers beyond human imagination are mustered there and pass in their review each night, pursuing a fixed order older than man, following with the precision of a magnet to its lode. Galileo saw them thus, just as scintillating and luminous in the same deep, dark sky. Nothing has changed up there—only down below has the "dark face of man" appeared, and with it the worst and blackest side of human nature, to bring misery and terror, want, suffering and murder.

What a beautiful world this would be if only we could learn how to live in it—that is, to live and let live.

In their own way the fields in their still, white covering are as beautiful as when clothed in tender green or golden grain. Looking across them the eye is invariably led away to rest on that straight line where sky meets prairie, and is pleased by the graceful

sky-line silhouette. There is that solitary landmark, the tall, bare poplar, standing out, stiff as a policeman, stark as a gibbet. Grisly as this simile sounds, the skeleton tree as it is now in February, is of a form that suggests the glory of June and the splendor of Autumn.

Then on one of February's cloudy days see how the outline of that mound or group of boulders is etched against the goose-grey sky. The fine criss-cross of fences appears to march towards the far horizon. Horizons have always attracted dwellers on the wide spaces. Our pioneers knew, so much better than we do, that it was from there that help or disaster came, and memories linger.

And speaking again of outlines, what more satisfying one can there be than that of the roof-tree when another day's work is done?

### How Can I?

Q. How can I remove the odor of fresh paint or cigarette smoke from a room?

A. By leaving overnight a large bowl of water, into which has been mixed a teaspoon of ammonia.

Q. How can I clean felt hats?

A. Rub the soiled spots, or the entire hat, with a cube of French chalk, which may be purchased at any drug store. Allow this to remain on the hat for a few hours, or over night, and then brush off with a soft brush.

Question: How can I preserve leather book bindings?

Answer: Periodic treatments with an equal mixture of castor oil and paraffin will help preserve the leather.

## Women's Forum

(Continued from page 22)

or mauves. These were fine for bouquets.

Home-grown walnuts, filberts and wild hazels were being snapped up, owing to the shortage of imported nuts. Homemade fruit cakes, mincemeat, canned meat and chicken as well as eggs and dressed poultry were on well patronized stalls. Again bunches of dried sage and thyme for the Christmas stuffing were far too scarce to supply the demand. One man had a marvellous collection of homemade toys of wood, including, kiddie cars, engines, wagons, rocking horses and furniture. All were neatly constructed, some in ply wood, and gaily decorated. These were equal to anything offered in the "Toylands."

We can't buy Teddy Bears any more, I believe, but who would want to, when you could buy such lovely cuddly toy animals and dolls as were on display in this market. They were covered with colourful print, stuffed and standing on their own legs. On many stalls there were the usual crocheted doilies and garments, hand knitted socks and baby's wear, also ornaments of wood, covered and painted. One particularly attractive counter displayed sea shells, tinted and inscribed with the name of the city and also one's own name if so desired.

I always linger by the dogs and puppies, kittens or other pets. Here is the place to buy a real live present. If you like raising them, here is the place to sell them.

Next Christmas is a long way off, but I think that even if the war be over by then, much merchandise will not be any easier to obtain than it is now, because there will be so many people in distress, who must be supplied with necessities of life.

So let us plan for the coming year and make our spare time profitable.—  
 "Farmer's Wife," B.C.

Buy War Savings Stamps!

Meet Your Boss

of the Postwar World

She's getting the Training for Leadership that you are missing!

When the members of the C.W.A.C. step out of Khaki they will have more than the pride and satisfaction of a job well done. They will have the training, the experience and the broad mental horizons that automatically equip them for leadership in whatever field they have chosen to follow. You, too, can acquire the assurance with which they face the future ... but only if you start training with them today.

You'll Envy Her Tomorrow  
 Unless You Train with Her Today

SEND FOR THIS BOOKLET

DISTRICT RECRUITING OFFICER,  
 Traders Building, Calgary, Alta.  
 Please send me absolutely free a 32-page illustrated copy of "C.W.A.C. Digest".

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City \_\_\_\_\_ F.R.R.-21



FILL OUT  
 AND MAIL  
 TODAY!



# SELECTED RECIPES

## Vegetable Chowder

- 1 cup canned corn
  - 2 cups canned tomato
  - 1 cup canned peas
  - 1 cup string beans
  - 2 raw potatoes
  - 1 small onion
  - 2 stalks celery
- finely diced
- Salt and pepper

Put all together in a saucepan. Simmer slowly until potatoes are tender. Season with salt and pepper. Add 1 cup rich milk or cream. Serve very hot. (Serves 6.)

## Spanish Stew

- 2 lbs. veal (shoulder or other cut suitable for stewing)
  - 2 onions
  - 1 cup diced celery
  - 1 cup uncooked spaghetti, broken into pieces
  - 2 cups water
  - 2 cups tomato juice
- Seasonings

Wipe veal. Remove fat. Cut veal into 1½-inch cubes. Roll meat in flour. Brown meat and onion in fat, taken from meat. Add water. Bring to boiling point and simmer ½ hour. Add remaining ingredients. Season. Simmer 1 hour longer. Thicken with a paste made of flour and water.

## Beef Kidney Stew

- 2 beef kidneys
- 2 tablespoons fat
- ½ teaspoon paprika
- 2 cups hot water
- ½ cup sliced onion
- 2 cups diced carrot
- 1 cup canned tomatoes
- 1 teaspoon salt
- 1 teaspoon Worcestershire sauce

Soak kidneys in cold water for 1 hour. Drain and scald with boiling water. Using scissors, cut away the tubes and membrane. Sprinkle well with ½ teaspoon salt and 2 tablespoons flour. Add to hot fat in pan, add the paprika and saute until brown. Add water, onion and carrots, cover and cook slowly for 30 minutes. Now, add tomatoes, rest of the salt and Worcestershire sauce. Cook another 10 minutes. Thicken with flour and water paste. Serve surrounded with hot green peas and garnished with strips of pimento. Serves 6.

## Potato Pie

Line a greased baking dish with a thick layer of fluffy mashed potatoes. Fill centre of dish with creamed vegetables, meat, chicken or fish. Cover the top with layer of mashed potatoes. Sprinkle buttered cracker or bread crumbs over top and bake in a moderate oven (350° F.) for about 30 minutes.

## Potato Biscuits

- 2 cups flour
- 3 teaspoons baking powder
- 1 cup mashed potatoes
- 3 tablespoons shortening
- Milk—about 2/3 cup

Sift flour, baking powder and salt together, add potatoes and mix thoroughly. Cut in shortening, add enough milk to make a soft dough. Roll out to about ¼ inch thick. Cut with floured cutter and bake in hot oven (425° F.) 15 to 20 minutes.

NOTE.—The dough may be rolled out into a sheet and used as a topping for chicken or meat pies—the biscuits may also be used for this purpose.

## Scrambled Eggs with Bacon

- 6 strips side bacon
  - 8 eggs
  - 2/3 cup milk
- Salt and pepper to taste

Cut bacon in small pieces and cook in frying pan. Beat eggs slightly. Add milk and season. Pour into pan with bacon and cook slowly, stirring constantly until mixture coagulates. Serve on toast.

## Egg and Potato Casserole

- 4 tablespoons butter
  - 4 tablespoons flour
  - 2 cups milk
  - 4 cups cooked potatoes, cubed
  - 6 hard-cooked eggs, sliced
- Salt, pepper and paprika

Melt butter. Blend in flour. Add milk gradually and stir until sauce thickens. Season to taste. Put alternate layers of potatoes, eggs and sauce in buttered baking dish. Sprinkle top with buttered cracker crumbs or grated cheese. Bake in hot oven about 15 minutes. Serves 6 to 8.

## Potato and Cheese Souffle

- 2 cups boiled potatoes
  - ½ cup hot milk
  - 2 eggs
  - ¼ cup grated cheese
- Salt and pepper

Boil enough potatoes to make two cups. Mash the potatoes and beat in the hot milk. Then add well beaten egg yolks and seasonings, also ¼ cup of the grated cheese. Fold in stiffly beaten egg whites. Put mixture in a greased baking dish. Sprinkle the remaining cheese on top. Place baking dish in a pan of hot water and bake in a moderate oven (375° F.) 25 to 30 minutes. Serves 6.

## Cheese Fondue

- 1½ cups milk
- 1½ cups soft, stale bread crumbs
- 1½ cups grated cheese
- Yolks of 2 eggs
- ¼ teaspoon melted butter
- Whites of 2 eggs

Soak bread crumbs in milk for a few minutes and add cheese and beaten egg yolks. Season and add melted butter. Fold in stiffly beaten egg whites. Pour into buttered baking dish and bake in a moderate oven (350 to 375 deg. F.) about 30 minutes.

## Pop-Overs

One cup flour, ¼ teaspoon salt, ⅔ cup milk, 2 eggs, ½ teaspoon melted shortening. Mix salt and flour, add ½ the milk, beat until smooth, add remaining ½ of milk, well-beaten eggs and shortening. Beat 2 minutes with egg-beater. Turn into greased gem pans and bake about 35 minutes in a hot oven. Halves of canned peaches may be dropped into mixture, in pan, just before baking. Serve with peach sauce.

## Mince-meat Drop Cookies

Two and a half cups sifted flour, 4 teaspoons baking powder, ½ teaspoon salt. Sift and mix these all together. Then cream ½ cup butter, and add gradually 1 cup sugar and cream together thoroughly. Next add 2 eggs, one at a time, and beat fluffy after the addition of each. Add 1 lb. of mince-meat. Fold in sifted dry ingredients. Drop by teaspoons on greased cookie sheet and bake in a hot oven.

## Peanut Butter Cookies

Cream 2 tablespoons lard with 3 tablespoons peanut butter, and 1½ cups brown sugar, with 1 or 2 unbeaten eggs, add 3 tablespoons sour milk, mixed with 1 teaspoon baking powder, a pinch of soda and salt.

Mix all well, add flour to make a stiff dough. Cut out and bake about 20 minutes in moderate oven.

## Rich Muffins

Quarter cup fat, ¼ cup sugar, 1 egg, ¾ cup milk, 2 cups flour, 1 tablespoon baking powder, ½ teaspoon salt. Cream shortening, add sugar gradually, well-beaten egg, milk and the flour mixed and sifted with the baking powder and salt. Beat until thoroughly mixed.

## Pinwheel Biscuits

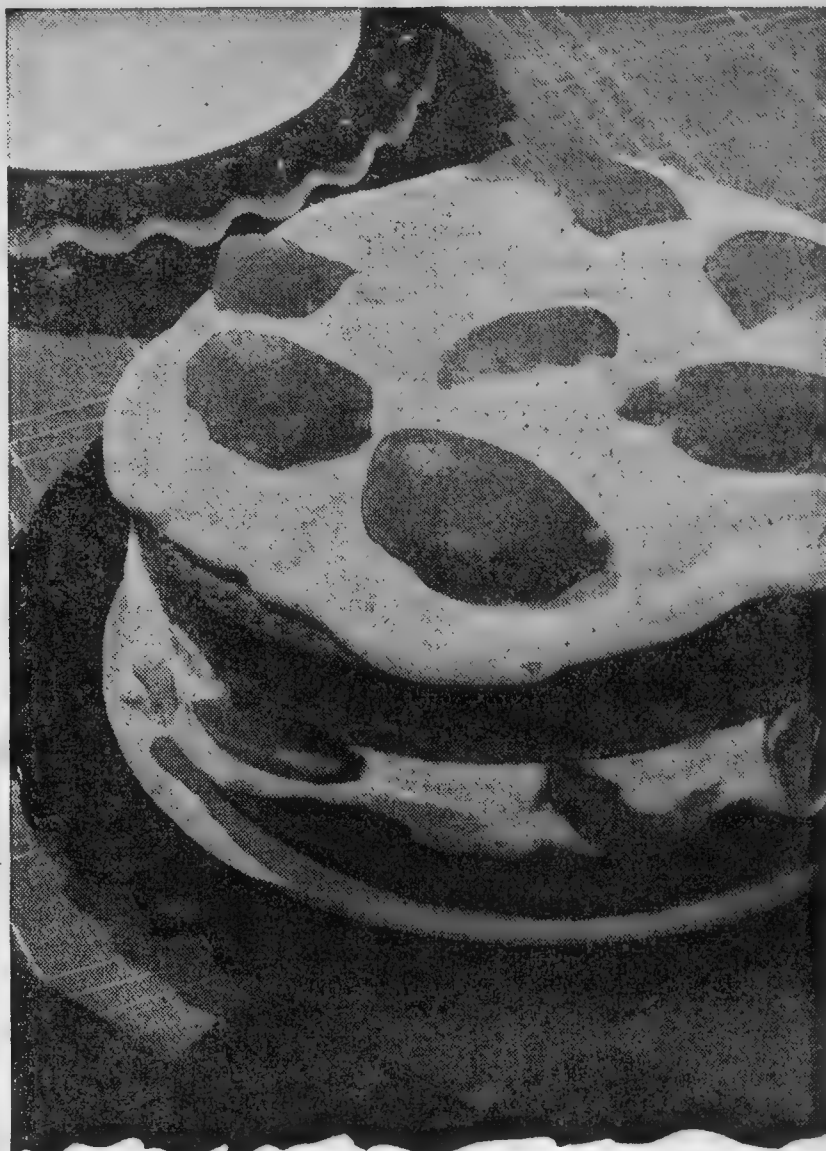
Two cups mixed flour, 2 tablespoons sugar, 4 teaspoons baking powder, ½ teaspoon salt, 2 tablespoons fat, 2/3 cup milk, ¼ cup of stoned raisins, finely chopped, 2 tablespoons citron, finely chopped, ½ teaspoon cinnamon. Mix as baking powder biscuit mixture. Roll to ¼-inch thickness, brush with melted butter, and sprinkle with fruit, sugar and cinnamon. Roll like jelly roll, cut off pieces ¾-inch thick. Place on greased tin and bake in hot oven 15 minutes.

★

## A SIMPLE CREED

At eventide men used to read  
Of simple things—a simple creed.  
The children had their hour for play,  
And mothers taught them all to pray,  
To trust God's love, His Word to heed.  
For simpler life we humbly plead;  
For life without the sin and greed,  
And strife for wealth and its display,  
Which leads to failure and dismay.  
It's rest and peace we all shall need,  
At eventide.

—F. W. RAYFIELD.



# Corn Syrup "PINCH-HITS" for Sugar

Sweetens this Melt-in-the-Mouth  
"MAGIC" Peach Layer Cake

•Sugar-shy—but luscious! You'll love this rich, delicious Peach Layer Cake that uses no sugar at all.

In Magic you have a uniformly fine baking powder that keeps your cake as delectably light and tender as in sugar-lavish days. Pure, wholesome, dependable—Magic safeguards precious ingredients... cuts down on disappointing baking failures.

Magic is economical, too—costs less than 1¢ per average baking. No wonder leading cookery experts recommend Magic Baking Powder. Write Magic down on today's grocery list.

## MAGIC PEACH LAYER CAKE

- 2¼ cups sifted cake flour
- 2¼ tsp. Magic Baking Powder
- ¼ tsp. salt
- ½ cup shortening
- 1 cup white corn syrup
- 2 eggs, unbeaten
- ½ cup milk
- 1 tsp. vanilla
- ¼ tsp. almond extract

Sift the dry ingredients together three times; Cream shortening. Add syrup gradually, beating well after each addition. Add ¼ of flour mixture. Blend well. Add eggs, one at a time; beat well after each. Add remaining flour mixture in thirds, alternately with milk in halves, beating well after each addition. Add flavoring. Bake in 2 greased lightly floured 8" layer cake pans at 375° F. for 30 minutes or until done. Serve with peach-halves and whipped cream on top and between the layers.



MADE IN CANADA



# CLASSIFIED ADVERTISEMENTS

## QUICK RESULTS for BUYERS & SELLERS AT LOW COST

**SUBSCRIPTION RATES:** To bona-fide farmers residing in Canada, west of the Great Lakes and when remittance is made direct to our office—25c for 2 years or 50c for 5 years; to others, \$1.00 per annum.

**DISPLAY ADVERTISING RATES:** Sixty cents per Agate Line.

### PURE-BRED BREEDERS' DIRECTORY

Cost \$2.00 for 6 months; or \$3.00 per year. The breeders listed below will be glad to send particulars on request. Write them of your requirements.

#### Aberdeen-Angus

Casa Loma Stock Farm, Accredited since 1924. Cathro & Anderson, R.R. 4, Calgary, Alta., Established 1905.

Highland Stock Farm, Accredited Herd, Chas. C. Matthews, Calgary, Alta.

#### Red Polls

T. H. Howes, Willow Farm, Accredited Herd, Millet, Alberta.

#### Shetland Ponies

Barton's Pony Ranch, Nokomis, Sask.

#### Collie Dogs (Registered)

Registered Sable and White Collies; rough. Frances Henderson, No. 35, Bounty, Sask.

### AUTO PARTS & ACCESSORIES

CAR owners—Attention! Save money on your Auto repairs and accessories. Complete stock of new and used parts. Write for our Free Catalogue. Auto Wrecking Company, Limited, 263-273 Fort Street, Winnipeg, Manitoba.

### BELTING

WRITE for Special Bargain List on Belting. The Premier Belting Co., 800 Main Street, Winnipeg.

### BUSINESS OPPORTUNITIES

## ATTENTION!

This ad is addressed to a man who is concerned about his future security and interested in getting a business of his own. He may be too old for heavy work, or young and exempt from military service. Perhaps his income is uncertain or not enough to meet present-day demands. He may be discouraged, but if he has good references and a car, there is a possibility of him qualifying for better than average earnings. He should forward full personal history to the advertiser, Box 22, Farm and Ranch Review, Calgary.

### CHIROPRACTORS

DRS. Cassidy & Cassidy, Foot Correction, Chiropractors, 27 Canada Life Bldg., Calgary.

### DUCKS

MAMMOTH PEKIN DUCKS and Drakes. Few nice ones left at \$2.00 each; extra large drakes, \$2.50. Henry Young, Millet, Alta.

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and ALBERTA

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MANAGER, LAND DEPT. F.R. 2-45  
HUDSON'S BAY COMPANY,  
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Sec. Tp. Rge. West Mer.  
East

Name .....

Address .....

Hudson's Bay Company.

INCORPORATED 2nd MAY, 1670

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**MEN WANTED** to Learn Barbering. No experience required. Light, clean, inside work. Offers steady employment, big pay. Many positions now open. Opportunities for advancement. Write Moler Barber College, Alexander Ave., Winnipeg, or Hamilton St., Regina.

**HOLLINGSHEAD** Business College — The School of Distinction, 527 & 7th Avenue W., Calgary. M 4430. Long established. A reliable Business College for Earnest Students.

### LEARN MUSIC AT HOME

Piano, violin, guitar, simple as A B C. Particulars free. Paramount Conservatory of Music, 246 E. 18th, Vancouver.

### FARMS & RANCHES FOR SALE

#### OUTSTANDING RANCH

Consisting of 1,600 acres, 1,000 under cultivation, balance pasture with living creek through for summer water. This ranch is adapted for pure grain raising, including wheat, oats and barley, with high yield, wheat 38 bushels, oats 100 bushels, barley 70 bushels an acre, all high grade. Very free from frost and hail. The buildings are very modern, including running water in house, barn, and hog barn, all electric lighted. Insurance on buildings, \$13,200.00. This land is 23 miles from Calgary, and can be purchased as acreage or as a going concern, including all machinery. There will be left on the ranch 80 head pure-bred cattle which the owner will share with purchaser on increase, approximately 40 calves for 1945. For price and inspection

CLAIRE J. COTE  
52-53 Canada Life Building,  
Calgary, Alberta

640 ac. DeWinton dist. 23 miles from Calgary, school 3/4 mile; good bldgs.; fine drilled well and windmill; all tillable; 1/2 cultivated. A splendid farm. \$38 per acre. Cash preferred.

500 ac. Cochrane dist. on gravel highway; comfortable 6-room house, fair outbldgs; good well; 240 ac. cult., bal. best of hay and pasture; no brush. A fine mixed farm, 28 miles from Calgary. \$20 per ac. \$6,000 cash.

400 ac., west of Champion; 300 ac. cult.; fair bldgs.; good well. \$3,500 cash. A fine wheat farm.

640 ac., Lacombe dist.; black loam, clay sub-soil; 400 ac. cult.; good house; poor outbldgs. Town, 8 miles. \$9,000, with \$3,600 cash.

640 ac., Lacombe dist.; 550 ac. cult.; large modern house; best of outbldgs.; good well and spring; town and school, 1/2 mile. \$45 per ac. Cash preferred. This farm is hard to duplicate.

1/2 sec., Stettler dist., 1 mile from town; fair bldgs.; good drilled well; 240 ac. cult.; good, black loam. \$6,500, with \$3,000 cash, 6% on bal.

If you want to buy a farm or ranch, tell us what you want and where; if you have a farm for sale, tell us about it.

FRANK FREEZE COPE AGENCIES LTD.,  
229 - 8th Ave. West, Calgary  
C. H. Magee, Farm Lands Division,  
Phone M 2232

CANADIAN Pacific Railway, Farm Lands, partially improved and unimproved, also grazing land in the provinces of Alberta and Saskatchewan. Desirable terms. For particulars apply to Asst. Supt. Sales, 957, Dept. Natural Resources, Calgary.

5 ACRES, 2 small houses, outskirts of Red Deer. Excellent garden, raspberries, currants, plums, other fruit. Beautiful treed setting, electricity, good well, taxes \$23. Ideal for chickens, milk. Place to retire. Kerry Wood, Red Deer.

### FOR SALE

FOR SALE—James-Way, new, never used, 1,200-egg electric incubator. Also Buckeye, lamp-heated, 600-egg incubator in good working order. For further particulars apply Ivan S. Weber, Didsbury, Alberta.

BEAUTIFUL COMFORTERS made from your materials. Quilting, \$1.85; your wool carded, 25c a lb.; washing, 3c a lb. Quick service. Virgin wool batts, \$1.15 a lb. Ask for catalogue. Sifton Wool Products, Box 102, Sifton, Man.

SPIN-WELL WOOL CARDING MACHINES, real money-makers. Wire Combs, set in leather, any size. Spinning wheels; spinning sewing machine attachments. Ask for catalogue. Sifton Wool Products, Box 102, Sifton, Man.

### RUBBER BELTING FOR SALE

Any length, any width, butt joint or endless, 4, 5, 6 and 8 ply. Delivery from stock. Write us for prices. Joseph Robb & Co. Ltd., 123 St. Paul St. W., Montreal 1.

FOR SALE—One Automatic Reversible Honey Extractor, \$40.00, and one Hand Reversible Honey Extractor for \$30.00. Both in good condition. David Hofer, Mayburt, Alberta.

FOR SALE — New Rockwood Pulleys, 13" - 17"; bore average approx. 2 3/4"; face, 7" - 8". Special clearance prices. The Oliver Corporation, Phone W 2233, Calgary, Alberta.

FRESH Large-Tulibee, \$4.00 per 100 lbs. Gordon Shore, Fort Qu'Appelle, Sask.

### FAST FREEZER

**FAST FREEZER** — Build your own with our simple, detailed plans. Conserve perishable products in own home. Plans easy to follow; no expert knowledge necessary; saves up to 75% of cost. Use new or old parts; operates on any voltage. \$1.00 bill brings complete plans for 8 cubic-foot size and big catalogue. LeJay Mfg., 974 LeJay Bldg., Minneapolis, Minn.

### FURS

**THE FUR MARKET** is improving, and we are paying the following prices for good average lots of freshly taken prime and properly handled furs (clear of kits and damaged). Badger, \$4.00; Beaver, \$25.00; Ermine, \$2.10; Fisher, \$90.00; Fox, Red, \$10.00; Cross, \$16; Lynx, \$55; Marten, \$60; Mink, \$30; Muskrat, \$2.10; Otter, \$22.00; Rabbit (jack), 50c; Raccoon, \$3.50; Squirrel, 45c; Coyotes, \$8.00; Seneca Root, 60c to 80c per lb. Ship today and every day to J. H. Munro Ltd., 1363 Kingsway, Vancouver, B.C. (established 1913).

### FUR ANIMALS AND SUPPLIES

GREENLAND SILVER BLUES, new type profitable fox; tame; prolific. Mink. Pamphlet free. Also bred females, March delivery. New fox and mink fencings stocked. DANDS, Swift Current, Sask.

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**PRESERVE YOUR OWN VEGETABLES**  
GROWN FROM  
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BRANDON WINNIPEG TORONTO  
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### GAS SAVER

"SAVE GAS" — New, scientific discovery, known as "Double Gas Saver". Saves 45% gasoline, tested, guaranteed. Send stamped envelope for information. Mike Brodie, 1507 Stanley Street, Nelson, B.C.

### HELP WANTED — FEMALE

**GIRL WANTED**—For general housework. No waxing or cooking. Mrs. C. Horwitz, 1504 22nd Ave. W., Calgary, Alta.

### HELP WANTED — MALE

**DAIRYMAN**, Married, Experienced; take full charge. Good dairy farm, well equipped, fine Holstein herd; shipping to Calgary. Good wages. Box 23, Farm and Ranch Review, Calgary, Alberta.

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**SHIP** your green and dry cattle hides, green horsehides, sheepskins, horsehair, raw furs to J. E. Love & Son, Calgary, for best market values.

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EXPERT WATCH AND JEWELLERY REPAIRING, DIAMONDS, OLD GOLD AND SILVER PURCHASED. Send or bring to **HENRY BIRKS & SONS (Western) Limited, Calgary**

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**LIGHTING PLANTS PUMPS, MOTORS, ENGINES**  
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**MACHINERY, SUPPLIES**  
New and Used

**WILKINSON & McCLEAN, Limited**  
615 Eighth Avenue West, Calgary  
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### MEAT SCRAP SPECIAL!

15 tons Meat Scrap, unground, 50% Protein, \$35.00 per ton; \$2 per 100 lbs.

**NOSE CREEK RENDERING WORKS,**  
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## LIVESTOCK

### CATTLE

#### ABERDEEN-ANGUS

**ABERDEEN-ANGUS** cattle—Chas. Elliott, Sandy Lake Stock Farm, R.R. 2, South Edmonton, Alta.

#### RED POLLS

**THE CATTLE** of the future must be Economical to FEED — Produce High-Grade Milk— and Breed Good Beef Making Calves—"That Breed is the Dual-Purpose RED POLL"—For further particulars apply, Canadian Red Poll Association, Annaheim, Sask.

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**PURE-BRED CLYDESDALE STALLION** — Bay, with white. Rising 12. First-class animal. Good pedigree. Selling at low price to settle an estate. Address enquiries to Geo. Reid, 10024 - 105th Street, Edmonton.

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**PUREBRED TAMWORTH BOARS** and gilts for sale. All ages, choice quality, extra good length, light shoulders; bred from our splendid show boar. Write Carl E. Elliott, Box 10, Millet, Alberta.

**FOR SALE—900 KARAKUL SHEEP** at reasonable prices. Enquire for particulars. Dean Pritchard, High River, Alberta.

### LIVESTOCK REMEDIES

**VIX (STIKS-EM)** — Settle shy breeding cows or mares with one service of your money back. Use just before service. 85c for cow or mare; \$2.35 for 4, postpaid. Will keep indefinitely. Order today. Kyle Ayrshire Farm, 506, Carman, Man.

**EZY-RID WORM POWDERS** (phenothiazine), Sheep, Hogs, Poultry. Most Effective known treatment. One dose does it. 2 to 12 pig size, 60c; 4 for \$2.10, postpaid. Order today. Results or money back. (Free booklet). Agents, dealers, write. Farmers Supply Company, 406, Carman, Manitoba.

### MEDICAL

IF you have Rheumatic Pains, Lumbago, Sciatica, Kidney and Bladder Troubles use Elik's Botanic Herbs. A Herbal Treatment in Powder Form. NO BOILING NO STEEPING. Prepared by a Registered Prescription Pharmacist. It will bring glorious results. It helps to drive off the poisonous clogging waste matter from the system by acting on the liver and stimulating the flow of bile, thus promptly regular and effective bowel evacuation. It seems to neutralize the URIC ACID and LIME SALTS deposits which clog the blood, embarrass the kidneys and cause Stiffness, and Swelling, Pains and Soreness. No matter how old you are, or how discouraged you may be, by all means try this safe Herbal Treatment which gave wonderful relief in above mentioned ailments to many sufferers. E L I K ' S BOTANIC HERBS is also highly recommended for constipation, boils, pimples and eczema. Price, \$1 and \$1.75. Elik's Drug Store, Dept. 44, Saskatoon, Sask.

**STOP** suffering from following stomach disorders: Acid Stomach, Indigestion, Heartburn, Coated Tongue, Bad Breath, Sick Headaches, etc. Use Elik's Stomachie Powder No. 2, prescription of noted Stomach Specialist, prepared by experienced Pharmacist. It must give immediate results or money back. \$1.00, \$2.00. Elik's Medicine Co., Box 234, Dept. 44, Saskatoon, Sask.

**RHEUMATIC PAINS**—Why go on suffering the agonies of Rheumatic Pains, Lumbago, Sciatica, Sore Muscles, Stiff Joints, Pains in Chest or Back when ELIK'S RHEUMATIC OINTMENT No. 12 will give effective and prompt means of relief. No. 12 is unique in its power to get right to the pain. Its heat penetrates swiftly to the painful area, hurries healing blood to relieve the congestion and spreads comforting warmth over the aching area. Full directions on label. Guaranteed to give results or money refunded. Prepared by an experienced Pharmaceutical Chemist. Prices, \$1.00 and \$1.75. Put it to test—Get No. 12 today. Elik's Drug Store, Dept. 44, Saskatoon, Sask.

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Medicated and Electric Baths.  
Ultra Short Wave. Lady in Attendance.  
Specializing in  
**FOOT CORRECTION, RHEUMATISM, ARTHRITIS, NERVES.**  
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### LEG SORES — ECZEMA

The pain and discomfort of ulcers, sores or the itching and irritation of the various types of eczema successfully and quickly relieved when Nurse Dencker's Ointments are used. You, too, can benefit by our simple, inexpensive home remedy, healing while you work. For over a quarter-century, thousands of satisfied users from coast to coast.

Write today for **FREE TRIAL** testimonials, etc. No obligation. **NURSE DENCKER'S REMEDIES**, Dept. C, Joyce Sub. P.O., Vancouver, B.C.



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**STOP Itching Tortures** of Eczema, psoriasis, ringworm, athlete's foot and other skin irritations, with Elik's Ointment No. 5, prescription of noted skin specialist. Itch relieved promptly, skin healed quickly, or money refunded. \$1.00. Mail orders filled promptly. Order to-day from Elik's Medicine Co., Dept. 44, Box 234, Saskatoon.

**WE SELL AT LOWEST PRICES** and carry a large stock of Drugs, Medicines, Veterinary Supplies and Vaccines, Toiletries, etc., and give fast service on all mail orders. We pay postage except on heavy, inexpensive drugs. Try our service. Send for all your drug-store needs to Consort Drug Store, Consort, Alta.

## MISCELLANEOUS

**CATCH UP TO 30 WEASELS** in one night. Particulars for stamp. R. Hunter, Sunnyside, Alberta.

## NURSERY STOCK

**CHIEF AND SUNLIGHT** Raspberries, \$2.00 per hundred. Hanson's Improved Sand Cherries, Blue Berries, Hazel Nuts, Highbush Cranberries, 10 for \$1.00. Strawberries: O.A.C. and Dakota, June bearing; Gem and Progressive, everbearing, \$1.50 per hundred. McDonald Rhubarb, 3 for \$1.00. Prepaid. T. H. Kelsey, Gunn, Alta.



## EVERBEARING RASPBERRIES

And other berries that fruit first season. Free catalogue. Tobe's Treery, Niagara-on-the-Lake, Ont.

## OPPORTUNITIES FOR WOMEN

## LEARN HAIRDRESSING

Big pay, pleasant, easy work. Join America's greatest school. Wonderful opportunity to learn hairdressing. Hundreds of positions open. Short time taken. Thousands successful Marvel graduates. Catalogue free. Write Marvel Beauty Academies, 326A - 8th Ave. W., Calgary.

**WANTED**—Women to do plain home sewing. Work sent postpaid anywhere. Good pay. The LeVogue, White Rock, B.C.

## PATENTS

**LELAND S. Mitchell**, Registered Patent Attorney. Free Literature on Patents, 410 McArthur Block, Winnipeg.

## PERSONAL

**WRINKLES DISAPPEAR** in two minutes or money back. Men, women, if you have age lines or enlarged pores try our amazing new cream. No massaging. Immediate results. Positively harmless. Complete satisfaction or money refunded. Price, \$2.50 per jar, postpaid. G. Grattan, Station L, Winnipeg, Manitoba.

**DEAF?** The new streamlined, compact Potter Telephone is the smallest hearing aid available. It is clear, powerful, makes conversation easy anywhere and is most reasonably priced. Try it. Write Potter Earphone Company, 229-G Yonge St., Toronto. Established for better hearing for a quarter of a century.

**BOOK** of one thousand dreams and their meaning. How soon you will marry and who your future husband or wife will be. 120 pages in well bound covers. Most complete published. 50 cents postpaid. G. Grattan, Station L, Winnipeg, Manitoba.

**AVALON** for grey hair. A perfectly harmless Herbal preparation that restores Grey, streaked and faded hair to its original color. Fully guaranteed. \$1.00 postpaid. G. Grattan, Station L, Winnipeg, Man.

**BEAUTIFUL** hair can be yours, free from dandruff, baldness, falling hair and itching scalp. Use Grattan's Hair Restorer, fully guaranteed. Complete treatment, 75 cents, postpaid. G. Grattan, Station L, Winnipeg, Manitoba.

**MEN! SEND \$1.00** for World's funniest collection of 14 joke novelties (all different), guaranteed for 1,000 laughs. Also catalogue of books and novelties. Western Distributors, Box 24NA-FR, Regina, Sask.

**PERMANENT WAVE SETS**—Hair waving at home without discomfort, without appointment. No electricity, no heat required. Professional-like wave that lasts six months. Used on all types of hair. Outfit contains 50 curlers, 3 ingredients and shampoo. Complete, with easy to follow instructions. Satisfaction guaranteed. Only \$1.10 postpaid. G. Grattan, Station L, Winnipeg, Manitoba.

**KWIP KLIP**—Saves Barber costs. Men, trim your own hair. Ladies remove hairs from arms and legs. Trim hair with a professional taper. No Steps. Fine for trimming children's hair. Use like ordinary comb. A safe, money-saving invention. Kwip Klip, complete with 2 blades, only \$1.00, postpaid. G. Grattan, Station L, Winnipeg, Manitoba.

**ASTRA** fortune telling cards. Tell your own and friends' fortune. Wonderful amusement. Full deck and complete instructions. Only 50 cents postpaid. G. Grattan, Station L, Winnipeg, Manitoba.

**RUPTURED?** New patented invention, lifts and holds like the human hand. Write for information. Hand-Lock Products, 146 King St. East, Kitchener, Ont.

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**LONESOME?** Join Reliable Club—Established 1909. Book of photos and descriptions of members. Free. Sealed. Exchange Company, 3827-H Main, Kansas City, Mo.

**"ELIJAH Coming Before Christ"**, wonderful book free. Megiddo Mission, Rochester 11, N.Y.

**HITLER'S LAST WILL AND TESTAMENT!** Big laugh novelty, 10c. Empire Novelties, Peterboro, Ontario.

**84 CARD TRICKS, 28c; 300 RIDDLES, 15c;** Joke Book, 15c. Postpaid. Empire Novelties, Peterboro, Ontario.

**MARRY RICH**—Send for FREE photos and descriptions of lonely persons desiring correspondence and marriage. Jane Fuller Club, J-797, Milwaukee 1, Wisconsin.

**GETTING MARRIED?** Free, to those intending to marry, or who are married—reliable information on marriage hygiene. Send stamp for reply. Home Hygiene Co., Dept. 1, Box 92, Station F, Toronto, Ont.

**ARE YOU RUPTURED?** RELIEF, COMFORT.—Positive Support without advance method. No elastic or under-strings or steel. Write Smith Manufacturing Co., Dept. 98, Preston, Ont.

## PEST CONTROL

**"DERPO"** Warble Powder, 65c, most economical, highest quality. At leading Drug, Department and Co-operative Stores. **"DERAT"** Rat and Mouse Killer, 50c. Harmless to humans, animals, fowl. At Eaton, Simpson, Liggett, leading drug, grocery, hardware, co-operative stores, or write Derpo Products, Toronto 4.

## PHOTO FINISHING

**WESTERN FILM SERVICE** offers you a complete Photo Finishing Service. Films developed and printed, 25c. Reprints, 3c each. Western Film Service, Saskatoon, Sask.

## RABBITS

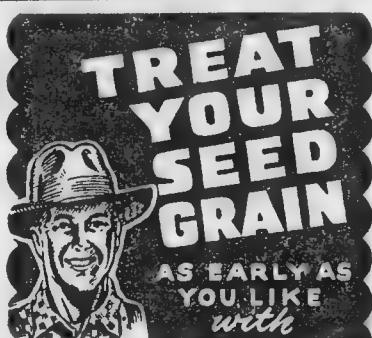
**LIVE RABBITS** wanted, 12½c a lb., f.o.b. your station. Write P. O. Box, 341, Calgary.

**8 PAIRS ANGORA** for sale, \$5.00 per pair. Shaw Rabbitry, Glenwoodville, Alberta.

## RECORD BOOK

**ORDER** your Fiscar Farm Record Book, today. Simple, easy to keep, complete. Lists Canadian Income Tax Deductions, \$1.50 postpaid. Farm Book Publishers, Breckenridge, Minnesota.

## SEED GRAIN



## LEYTOSAN (MERCURIAL DUST)

Right now is the time to protect this season's grain crops against Smut and Root Rot by using the approved LEYTOSAN Mercurial Dust treatment.



## POSITIVELY KILLS WHEAT SMUT

A few cents per bushel insures a smut-free crop. LEYTOSAN effectively kills smut, increases germination, helps prevent Root Rot.

For FREE Booklet Write —  
MCKENZIE-STEPHENSON LIMITED  
Winnipeg, Man.  
JOHN M. HOCKIM  
Vancouver, B. C.

## LEYTOSAN British Made MERCURIAL DUST

## SONG WRITERS

**SONG POEMS** wanted to be set to music. Send poem for immediate consideration. FIVE STAR MUSIC MASTERS, 545 Beacon Bldg., Boston 8, Mass.

**SONGWRITERS** — Send poem for immediate examination and free Rhyming Dictionary. Richard Brothers, 18 Woods Building, Chicago.

## TANNERS FURRIERS FUR DRESSERS

## FURS STORED AND REPAIRED

## ROBE and LEATHER TANNING

## TAXIDERM

## The BRIGGS TANNERY

Offices and Factory:  
Burnsland, Calgary, Alberta  
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## OLIVER &amp; HART-PARR TRACTORS

## REPAIRED BY EXPERT MECHANICS

**IS YOUR TRACTOR** ready for SPRING? Now is the time. Call W 2233 to arrange any REPAIR WORK.

## The Oliver Corporation

1120 - 10th Ave. West.,  
CALGARY ALBERTA

## STAMMERING

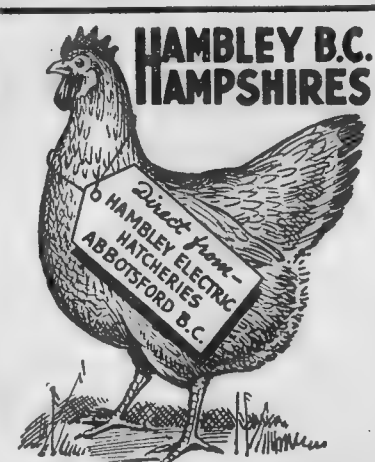
**STAMMERING CORRECTED.** For free, helpful booklet write William Dennison, 543-R, Jarvis St., Toronto.

## WASHER REPAIRS

**MAYTAG** Washer and Engine Repairs carefully done by trained mechanics. A full stock of parts on hand for Maytag repairs, also wringer rolls for most makes. The Maytag Co. Ltd., Calgary and Regina.

## BABY CHICKS

**PLAN YOUR 1945 profits** with chicks of distinction. You can depend on "chicks of distinction" because our flocks have been selected and bred for real money-making qualities for many years. Results prove they have the ability. Top Notch chicks bring you the better qualities of your favorite breed, highly developed. They live, grow fast, feather evenly and mature early into splendid layers. You'll like them—sexed or straight run—at reasonable prices. 10 pure breeds and 9 hybrid crosses to choose from. Buy early hatched chicks this year. They will make you the most money. You can purchase February hatched White Leghorn, non-sexed for \$11.45 per hundred; Barred Rock and New Hampshire X Barred Rock non-sexed at \$12.45; 90% pullets, White Leghorns, \$24.95; Barred Rock and New Hampshire X Barred Rocks, \$20.95. Send for early price list and catalogue. Top Notch Chickeries, Guelph, Ontario.



**FLASH!** Hambley has just completed arrangements, Government Testing over 20,000 New Hampshire Birds. Make sure of your New Hampshire by sending your order direct to Abbotsford Branch. We guarantee 100% Live Arrival, big, strong chicks. Pullets 96% accurate.

## F.O.B. ABBOTSFORD, B.C.

15.00	8.00	4.00	N. Hamps.	—17.00	9.00	4.50
28.00	14.50	7.25	N.H. Pul.	—31.00	16.00	8.00
9.00	5.00	2.75	N.H. Ckls.	—4.00	6.00	3.00
14.00	7.50	3.75	W. Leg.	—16.00	8.50	4.25
29.00	15.00	7.50	W.L. Pul.	—32.00	16.50	8.25
3.00	2.00	1.00	W.L. Ckls.	—4.00	2.50	1.50

## F.O.B. CALGARY, EDMONTON

14.00	7.50	3.75	W. Leg.	—16.00	8.50	4.25
29.00	15.00	7.50	W.L. Pul.	—31.00	16.00	8.00
3.00	2.00	1.00	W.L. Ckls.	—4.00	2.50	1.50
16.00	8.50	4.25	B. Rocks.	—18.00	9.50	4.75
27.00	14.00	7.00	B.R. Pul.	—29.00	15.00	7.50
11.00	6.00	3.00	B.R. Ckls.	—12.00	6.50	3.25
16.00	8.50	4.25	N. Hamps.	—18.00	9.50	4.75
27.00	14.00	7.00	N.H. Pul.	—29.00	15.00	7.50
10.00	5.50	2.75	N.H. Ckls.	—11.00	6.00	3.00

Hambley Electric Hatcheries  
ABBOTSFORD, CALGARY, EDMONTON

## BABY CHICKS

**ATTENTION POULTRYMEN**—Efficient management in raising chicks is essential. Our booklet, "Raising Chicks for Profit", will help you to raise a healthy flock and avoid losses. It contains valuable information on raising from day old to laying stage, feeding formulas, etc., 25c per copy, free to customers. Rump & Sendall Ltd., Box R, Langley Prairie, B.C.

**CHICKS FROM APPROVED FLOCKS**—Book your 1945 requirements at Gair Hatchery, Wetaskiwin, Alberta.

## For Real Success

Order Those R.O.P. Sired Special Select VIGO - PEP Chicks.



Produced from selected flocks mated to special R.O.P. pedigreed males from trap-nested hens T.G. Sharpe with records of 200 to 300 eggs. To be sure of chicks on date desired, order now... FREE 1945 Catalogue with calendar.

Per 100—	Stand. Spec. Sel.
W. Leghorns	14.00 16.00
W. Leg. Pullets	29.00 31.00
Hamps, Reds, B.	
Rks.	16.00 18.00
Hamps, Reds, B.	
Rks. Pullets	27.00 29.00
Leghorn Ckls.	3.00
Heavy Ckls.	5.00

Tune in our programme over CFCN, 1010 kc., every Tuesday, 9:15 p.m.

## ALBERTA ELECTRIC HATCHERIES

2417C - 1A Street S.E., CALGARY, ALTA.

## PRINGLE HIGH QUALITY CHICKS



We are now completely installed in our large, new hatchery building, 10550 - 101st St., Edmonton. Three modern PRINGLE Hatcheries serving the West, equipped to supply over a million chicks annually.

**SIX HATCH DAYS EVERY WEEK.** PRINGLE CHICKS AVAILABLE, FEBRUARY 4th.

## ALBERTA PRICES

Per 100—	Quality A.	Select A.
W. Leghorns	14.00	16.00
W. Leg. Pullets	29.00	31.00
Hamps, Reds, B. Rocks	16.00	18.00
Hamp., Red, B. Rock, Pullets	27.00	29.00

## CHILLIWACK, B.C., PRICES—

Per 100—	B.C. Quality A.	Select A.
W. Leghorns	14.00	16.00
W. Leg. Pullets	29.00	32.00
Hamps, Reds, B. Rocks	15.00	17.00
Hamp., Red, B. Rock, Pullets	28.00	32.00
W. Leg. Cockerels	33.00	per 100
Heavy Breed Cockerels	9.00	per 100

Secure your delivery date by ordering Pringle Chicks NOW.

We invite our customers and friends to visit our New Hatchery when in Edmonton.

Write for the New 1945 "BUILD FOR PEACE" calendar Catalogue.

## Pringle Electric Hatcheries

Calgary — Edmonton — Chilliwack, B.C.

## THE WHICH GIVE RESULTS



## MORE THAN EVER

**BEFORE** is it necessary to raise GOOD BIRDS. Twenty-five years of effort and experience is behind the production of our famous chicks. Help to ENSURE your SUCCESS by ordering your chicks early from one of our Hatcheries.

Prices, per 100.	Unsexed	Pullets
White Leghorns	\$14.00	\$29.00
Rocks, Reds, New Hamp.	15.00	28.00
Light Sussex	17.00	30.00
Leghorn Cockerels, per 100		\$33.00
Heavy Cockerels, per 100		\$38.00

## SUPER CHICKS, FROM FLOCKS

## HEADED BY R.O.P. MALES

Leghorns	\$16.00	\$32.00
Rocks, Reds, New Hamps.	17.00	32.00
Leghorn Cockerels, per 100		\$40.00
Heavy Cockerels per 100		\$45.00

96% Sexing accuracy guaranteed.

Order NOW—avoid disappointment and remember "IT'S RESULTS THAT COUNT."

## Rump &amp; Sendall LTD.

Box R, LANGLEY PRAIRIE, B.C.  
Box R, (Branch Hatchery) Vernon, B.C.





## Wit of the World

On the radio a fashion editor was interviewing a Hollywood star who said: "I think women's clothes are very interesting. I've been successful with them, on and off, for ten years."

"I don't like your dog. Every time I come he barks and I don't trust him. I'd come oftener if it wasn't for your dog."

"A dog," said the host without blinking, "is man's best friend."

"You say that you are the sole support of a widowed mother, your father having recently been killed in an explosion. How did the explosion happen?"

"Mother says it was too much yeast, but Uncle Jim thinks it was too much sugar."

The chairman rose to propose the toast. "Gentlemen, let us drink to the health of our colleague, William Brown, who is leaving the town. He was born here; he was married here; and we all hoped that he would die here. But it was not to be."

Tall, slender George Bernard Shaw was once twitted by the rotund George K. Chesterton with the remark: "To look at you, Shaw, a person would think there was a famine in England."

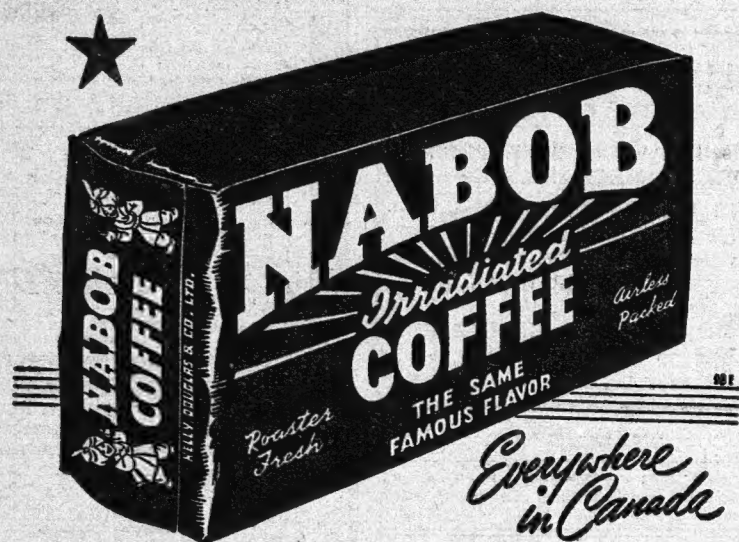
Fixing his gaze on the overstuffed figure of his companion, Shaw replied, "And to look at you, Chesterton, he'd think you were the cause of it."

There were special guests that night, and the hostess was a little dubious about the new maid.

"Mary, when you are in the dining-room tonight I want you to be careful that you don't spill anything."

Mary looked at her mistress knowingly and smiled.

"You can rely on me, ma'am. I don't talk much."



### Grandmother says: PAZO for PILES Relieves pain and soreness

Millions of people suffering from simple Piles, have found prompt relief with PAZO ointment. Here's why: First, PAZO ointment soothes inflamed areas—relieves pain and itching. Second, PAZO ointment lubricates hardened, dried parts—helps prevent cracking and soreness. Third, PAZO ointment tends to reduce swelling and check bleeding. Fourth, it's easy to use. PAZO ointment's perforated Pile Pipe makes application simple, thorough.

Get PAZO Now! At Your Druggists!

## Export Trade

(Continued from Page 3)

of this trade if we recollect that in the twenty years from 1919 to 1939 there was not a single year when the value of Canada's exports reached or even closely approached one-half of that figure. In 1939, including some wartime business, it amounted to just 925 million dollars.

### Economic "Punch"

All Canadians may well be proud of the extent to which this country today is shipping goods abroad, for the volume of our exports is one of the best indicators of the power of Canada's economic "punch" in the prosecution of the war.

When the war is ended our export trade will have to be swung back as rapidly as possible to a hundred-percent peacetime basis. This will be the biggest commercial task in Canada's history. If the proportions of our present export business represented by wartime and peacetime exports were reversed the process of conversion would loom up less formidably. Taking them as they are, the magnitude and the importance of the job that lies ahead can hardly be exaggerated.

### Exports Essential

There are many who believe that too great reliance has been placed in the past upon the search and the competition for export markets, and that individual nations must put greater dependence in future upon domestic policies to maintain employment and prosperity. Granted that great progress may be made in that direction, the fact remains that external trade must continue to be an important constituent in the economic welfare of most countries.

Canada is one of the younger countries, whose development has been based to an unusual extent upon export markets. Whole regions of the Dominion and many of its major industries have always depended, and still depend upon exports for their prosperity. Years hence their reliance upon exports may be much less than it is today. But the immediate prospect—the prospect for as far ahead as most sections of Canada and many of the greater Canadian industries must continue to live by exports.

CLASSIFIED — Continued from Page 29.

### BABY CHICKS

THE POULTRYMAN that stands the best chance to make the most money out of his poultry in 1945-1946 is the man that receives his chicks early. Great Britain wants 500,000 cases of eggs from September 1st to December 31st. It's early-hatched pullets (not late hatched) that will produce these eggs. You will not only make extra money but you will save money by taking early delivery. We offer discounts up to \$2.00 per hundred off non-sexed chicks, \$4.00 per hundred off pullet chicks for early delivery. Also offer a special Early Booking Discount of 50¢ per hundred on non-sexed chicks, \$1.00 per hundred off pullet chicks for early booking. Send for full details at once. Free catalogue. Tweddle Chick Hatcheries Limited, Fergus, Ontario.



J.R. Stewart

### SUCCESS CAN BE YOURS

#### If You Start Right With Stewart Chicks

They LIVE — They GROW  
They LAY — They PAY

STEWART'S Special Quality chicks are from selected flocks, headed by pedigreed cockerels from trap-nested hens with records of 200 eggs and over. All Stewart chicks are hatched from Government Approved, blood-tested flocks.

		Stewart Quality		Special Quality	
		100	50	25	100
W. Leg. Unsex.	14.00	7.50	3.75	16.00	8.50
W.L. Pull.	29.00	15.00	7.50	31.00	16.00
B. Rocks	16.00	8.50	4.25	18.00	9.50
B.R. Pull.	27.00	14.00	7.00	29.00	15.00
N. Hamps.	16.00	8.50	4.25	18.00	9.50
N. H. Pull.	27.00	14.00	7.00	29.00	15.00
R.L. Reds	16.00	8.50	4.25	18.00	9.50
R.L.R. Pull.	27.00	14.00	7.00	29.00	15.00
White Leghorn Cockerels					\$3.00 per 100
B. Rocks, R.L.R., N. Hamps. Cockerels					\$9.00 per 100

100% live arrivals. Pullets 96% accuracy guaranteed. First hatch February 12th. Write today for new 1945 Catalogue and Price List. Tune in our Old-time Programme, Thursday nights, 9:30 p.m., M.D.T., over CFCN, Calgary. 1010 K.C.

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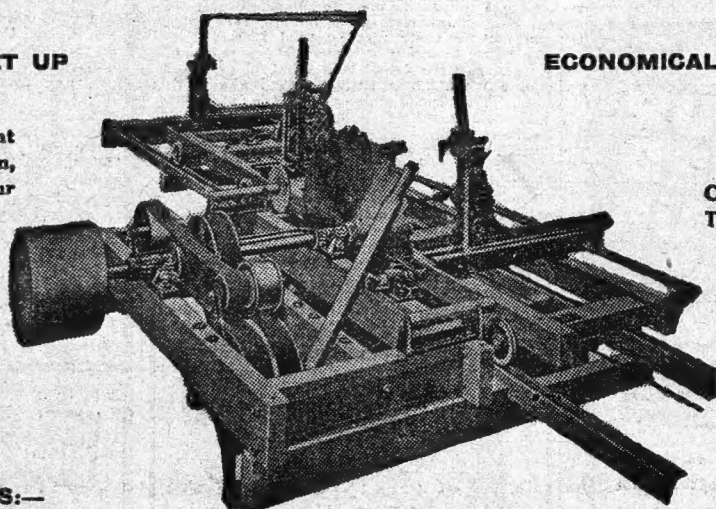
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**Husk Heavy Duty**, made of good fir, 4" x 10", and 84" long by 42" wide. Angle-iron braced corners with 2 sets rods front and back. Variable Belt Feed is powerful and sensitive, responding instantly to pressure on the operating lever. This type of feed requires a minimum of upkeep, and gives an exceptionally fast gig-back. Feed belts are the best material obtainable.

**Mandrel** is a 2 7/16" cold rolled, mounted in heavy, high-speed, adjustable babbit bearings and the Drive Pulley, unless otherwise specified, is 20" diameter with a 9" face. The Saw Guide is an approved type, easily adjustable. A Splitter with an operating lever and drive for drum and cable completes this set-up.

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With 3 Head Block Carriage—20 feet long, in 2 sections..... \$760.00 f.o.b. Calgary

With 2 Head Block Carriage—16 feet long, in 1 section .....\$660.00 f.o.b. Calgary

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Try This Successful Combination Internal and External Treatment

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We especially want to send it to those discouraged sufferers who believe their cases to be hopeless. Even the most severely aggravated cases and cases of long standing frequently respond to this treatment. Used successfully for 50 years.

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## U.F.A. Convention

(Continued from Page 6)

### More Aid for Veterans

Additional federal aid for returned servicemen was urged in a resolution adopted by the convention. Bonuses granted by the Government were not sufficient to permit them to re-establish themselves, speakers declared, and loans to veterans should be interest-free.

Another resolution approved, recommended that all M.P.'s from rural constituencies, regardless of party, should line up in a farm block to support agricultural legislation.

Two other resolutions requesting the Alberta Power Commission to undertake rural electrification projects as soon as possible were endorsed.

Hugh Allen, of Hualien, president of the Alberta Livestock Co-operative, declared that the only apparent feasible way in which livestock producers could set up their own co-operative packing plant would be to raise huge sums of money and take over control of one of the present large operating plants. "It can't be done on a shoe-string," he emphasized, "but it could be done by setting aside large reserves each year over a period of years and enlisting the aid of people prepared to assist livestock producers. There are such people—there are the co-op. interests in Britain—but they would have to be convinced it was a serious undertaking."

### Directors Chosen

Directors named by the U.F.A. and U.F.W.A. respectively, were:

Acadia—J. A. Cameron, Youngstown; Mrs. J. K. Sutherland, Hanna.

Athabasca—R. Ponting, Westlock; Mrs. B. Lyons, Westlock.

Battle River—A. B. Wood, Dewberry; Mrs. W. C. Taylor, Edgerton.

Bow River and West Calgary—Ray Wood, Carstairs; Mrs. W. L. Barker, Calgary.

Camrose—Cal Colvin, Sedgewick; Mrs. N. D. Lehman, Camrose.

Jasper-Edson and West Edmonton—Donald MacLeod, Lake Isle; Mrs. Minot Stetson, Fort Saskatchewan.

Lethbridge—H. J. Flock and Mrs. A. M. Peters, Lethbridge.

MacLeod and East Calgary—M. H. Ward, Arrowhead; Mrs. H. Douglas, Vulcan.

Medicine Hat—C. T. Armstrong, Hussar; Mrs. P. Powell, Bassano.

Peace River North—W. J. Williams, Brownvale; Mrs. Walter Cowan, Brownvale.

Peace River South—A. J. Gudlaugson, Clairmont; Mrs. V. C. Flint, Beaverlodge.

Red Deer—A. B. McGorman, and Mrs. George Inglis, Penhold.

Vegreville—R. Hennig, Fort Saskatchewan; Mrs. A. Torry, Tofteld.

Wetaskiwin—C. L. Pritchard, Wetaskiwin; Mrs. Schroter, Bremner.

...

## Electrification

(Continued from Page 12)

limited to a few lights in the dwelling house. Here the large plant would mean excess power and excessive investment. In the survey of farm plants a few farms were found with small 6-volt wind chargers. The annual costs of operating these plants, counting interest and depreciation on the tower and batteries, averaged about \$10.00. Plans are available for the home construction of 6-volt plant, using automobile generators and batteries. Perhaps only a few farmers would be prepared to make their own plants; but perhaps they could be made in local manufacturing and assembling plants. There are probably many farms in this Province where this type of plant would serve a useful purpose; and would be preferable to the alternatives. It would, of course, be poor policy to instal so small a plant on farms of any size, and with substantial power requirements.

The general outlines of a programme to provide electrical energy to Alberta farms seem to include the following:

(1) Some aid from the senior governments, including funds provided

out of general revenues, to reduce the cost of energy to farm users.

(2) Advisory services to ensure that farms are equipped in the most advantageous way, and that full use is being made of the capacity available.

(3) The extension of farm distribution lines off existing transmission systems, in areas in which the density of farms is relatively high. This selection of areas would have the result of serving the largest number of farms from a given expenditure of money and effort.

(4) The promotion of the use of the individual farm plant in other areas of large and well-developed farms.

(5) Encouraging local production and installation of small 6-volt plants in those parts of the Province where farms are small and in the process of development.

(6) In opening up new areas for farm settlement consideration should be given to the location of farms and farm buildings so that power may be more conveniently taken to them.

...

## JERSEY BREEDERS RE-ELECT R. G. MAY

R. G. MAY, of Calgary, was re-elected president of the Alberta Jersey Breeders' Association at its annual meeting in Red Deer, January 27. C. D. Enman, of Wetaskiwin, was returned as vice-president and all directors were re-elected. They are F. Yeabsley, Calgary; W. J. Pickard, Wetaskiwin; Charles Dixon, St. Albert Trail; Jack Hughes, Calgary; T. Baines, Red Deer.

## Men, Women Over 40 Feel Weak, Worn, Old?

Want Normal Pep, Vim, Vitality?

Does weak, rundown, exhausted condition make you feel fagged out, old? Try Ostrer. Contains general tonics, stimulants, often needed after 30 or 40. Supplies iron, calcium, phosphorus, vitamin B<sub>1</sub>. Helps you get normal pep, vim, vitality. Introductory size Ostrer Tonic Tablets only 36c. For sale at all good drug stores everywhere.

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When functional constipation hangs on and makes you feel miserable, nervous and out of sorts and you suffer from its symptoms—headaches, bad breath, upset stomach, indigestion, loss of sleep, lack of appetite, and your stomach feels crowded because of gas and bloating—get Forni's time-tested Alpenkräuter. More than a laxative, it is also a stomachic tonic medicine compounded of 18 of Nature's own medicinal roots, herbs and botanicals. Alpenkräuter puts sluggish bowels to work and aids them to gently and smoothly expel clogging waste; helps drive out constipation's gas, gives the stomach that splendid feeling of warmth. If you again want to know the joy of happy relief from constipation's miseries and comfort your stomach at the same time, get Alpenkräuter today.



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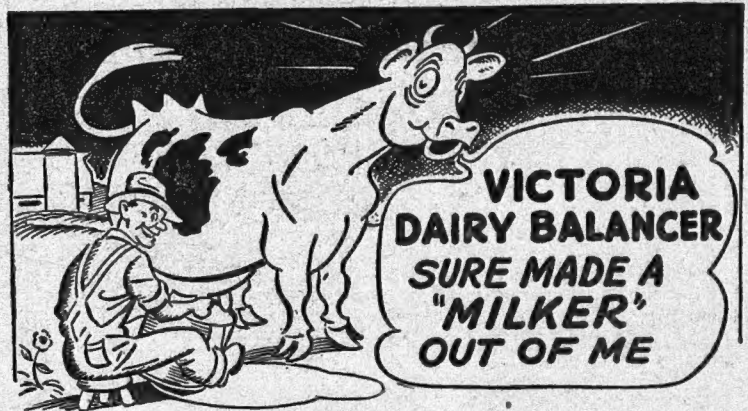
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# ion Program Farmers



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parison between Canada's agricultural production in 1944 and that projected or anticipated during the coming season by officials throughout the Dominion. In the main, it is hoped that last year's record output of food-stuffs will be maintained or exceeded in 1945. A notable exception to this rule is wheat, since it is felt that a reduction of 8 per cent from last year's

acreage will be in the best interest of the country. Varying increases, on the other hand, are recommended in coarse grains and summerfallow. Heavier marketings of cattle, calves, sheep and lambs are anticipated, and it is hoped that hog production will not drop as much as the 6 per cent indicated in the table. Increased production of poultry and eggs and of most dairy products is anticipated.

### GRAIN and FORAGE CROPS

	Recommended for 1945	Change from 1944
Wheat.....	21,500,000 acres	Down 8%
Oats.....	16,000,000 acres	Up 12%
Barley.....	8,088,000 acres	Up 10%
Mixed grain.....	1,518,000 acres	No change
Rye.....	500,000 acres	Down 28%
Hay and clover.....	10,300,000 acres	No change
Alfalfa Hay.....	1,600,000 acres	Up 1%
Summerfallow (Prairie Prov.).....	20,000,000 acres	Up 3%

### MEAT ANIMALS (Marketings)

Hogs.....	8,300,000 head	Down 6%
Cattle.....	1,420,000 head	Up 8%
Calves.....	766,000 head	Up 10%
Sheep and lambs.....	1,138,000 head	Up 3%

### DAIRY PRODUCTS

Milk (total).....	18,100,000,000 lbs.	Up 3%
Creamery butter.....	310,000,000 lbs.	Up 5%
Cheddar cheese.....	177,000,000 lbs.	No change
Evaporated whole milk.....	175,000,000 lbs.	No change
Condensed whole milk.....	80,000,000 lbs.	Down 6%
Whole-milk powder.....	17,000,000 lbs.	No change
Skim-milk powder.....	27,500,000 lbs.	No change

### EGGS and POULTRY

Eggs (total).....	397,263,000 doz.	Up 6%
Eggs (export).....	104,610,000 doz.	Up 81%
Poultry meat.....	292,000,000 lbs.	Up 1%

### FRUITS and VEGETABLES

Apples.....	14,000,000 bus.	Down 15%
Pears, cherries, plums, prunes.....	Varying increases for 1945	
Peaches, apricots, grapes.....	Some reduction for 1945	
Strawberries, raspberries, loganberries.....	Varying increases for 1945	
Potatoes.....	523,600 acres	Down 2%
Canning beans and corn.....	Slight increase for 1945	
Canning tomatoes and peas.....	Slight decrease for 1945	
Fresh vegetables.....	Maintained at 1944 levels	
Vegetables for dehydration.....	No increase for 1945	

### OILSEED CROPS

Soybeans.....	40,000 acres	Up 10%
Rapeseed.....	20,000 acres	Up 75%
Sunflower seed.....	25,000 acres	Up 45%
Flaxseed.....	To be announced	

### OTHER CROPS

Dried beans.....	125,000 acres	Up 26%
Dried peas.....	83,600 acres	No change
Husking corn.....	350,000 acres	Up 30%
Sugar beets.....	70,000 acres	Up 20%
Tobacco—Flue cured.....	88,900 acres	Up 20%
“ Burley.....	12,500 acres	Up 33%
“ Cigar leaf.....	4,460 acres	Up 46%
“ Dark.....	1,550 acres	Up 35%
“ Pipe.....	1,730 acres	Up 7%

### SEED CROPS

Alfalfa seed.....	15,000,000 lbs.	Up 93%
Alsike clover seed.....	7,000,000 lbs.	Up 400%
Red clover seed.....	10,000,000 lbs.	Up 45%
Sweet clover seed.....	7,000,000 lbs.	Down 38%
Brome grass seed.....	8,000,000 lbs.	Down 25%
Crested wheat grass seed.....	2,500,000 lbs.	Up 6%
Timothy seed.....	15,000,000 lbs.	Up 34%
Other grass seeds.....	1,096,000 lbs.	Up 32%
Vegetable and field root seeds.....	Varying recommendations for 1945-46	

### MISCELLANEOUS

Maple products.....	2,720,000 gals.	Down 12%
Honey.....	36,600,000 lbs.	Up 1%
Wool.....	15,500,000 lbs.	Up 2%
Horses.....	No increase recommended	